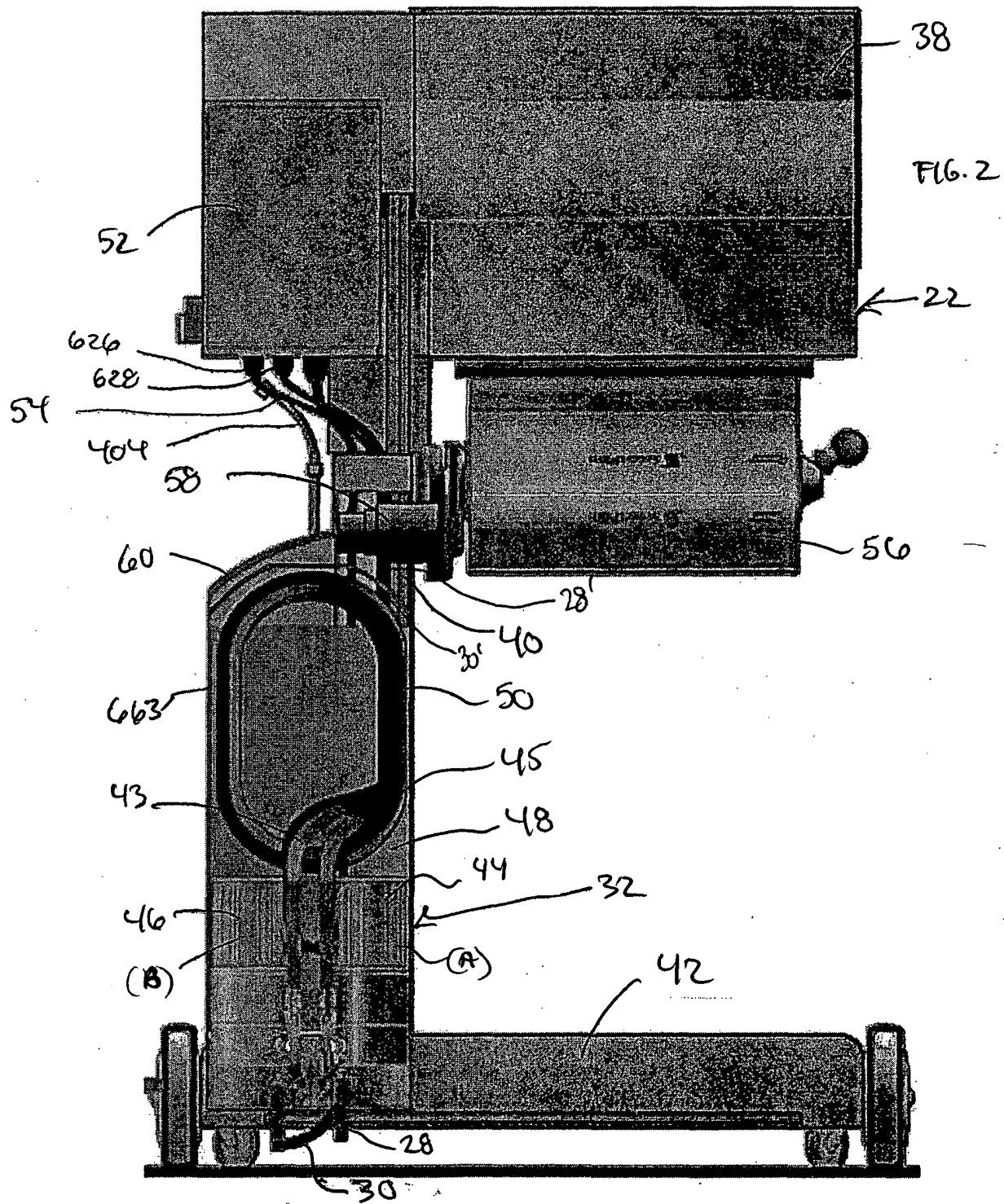


FIG. 1



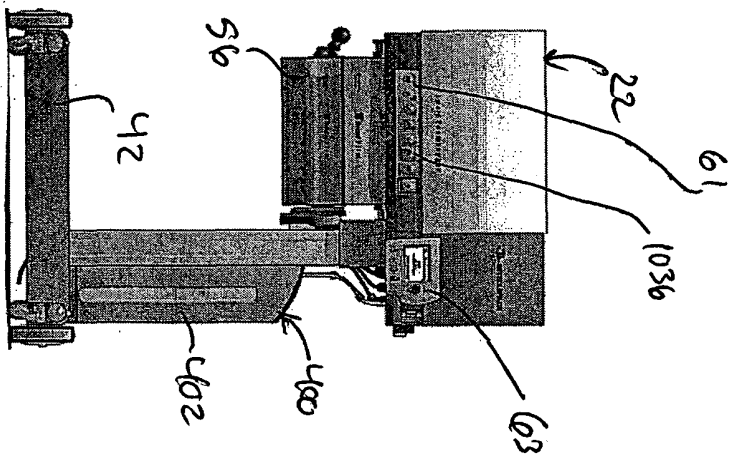
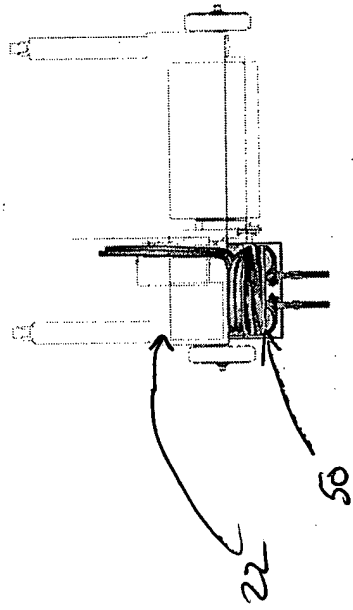
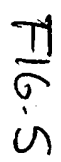


FIG. 3

FIG. 4





F16-5

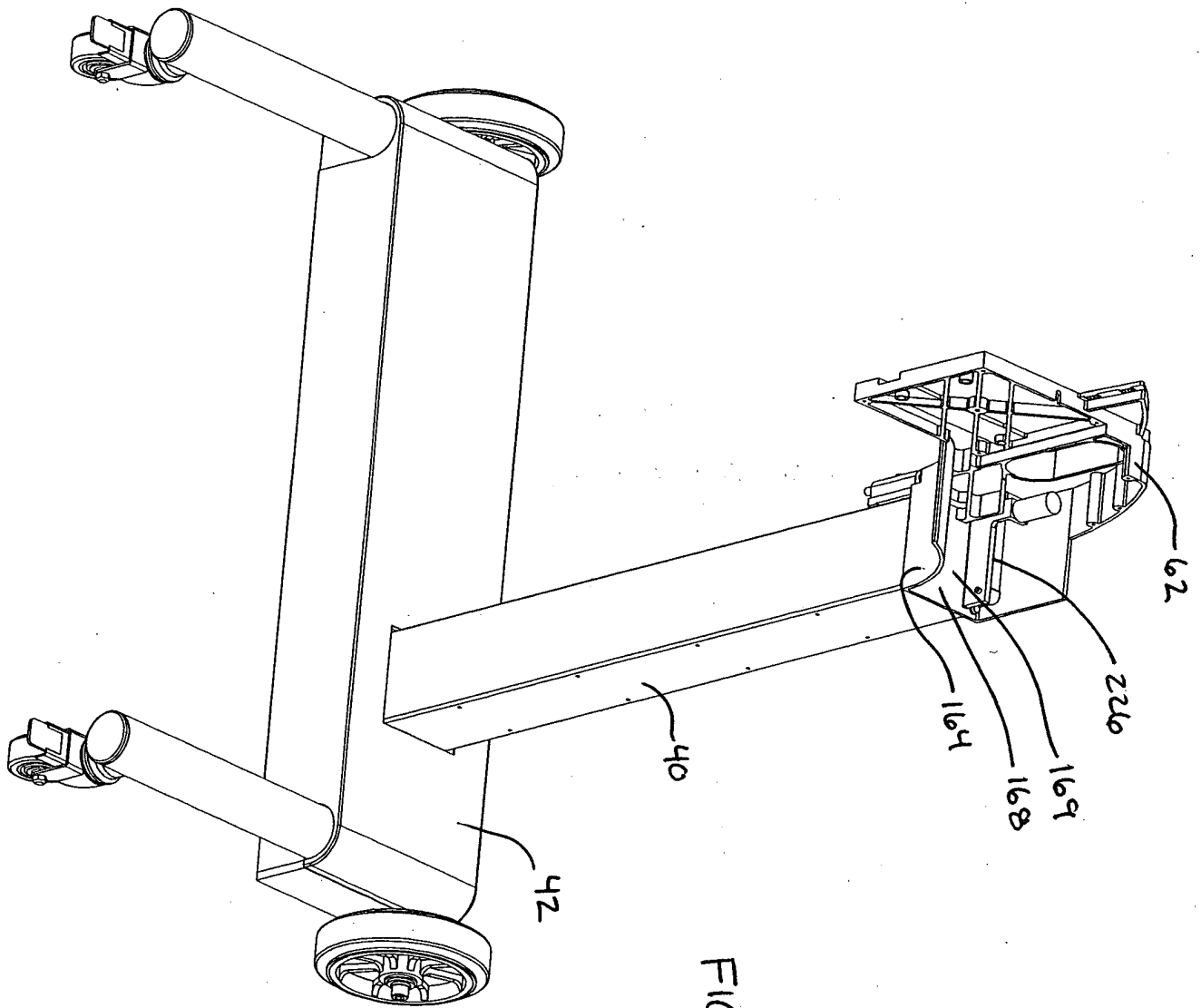


FIG. 6



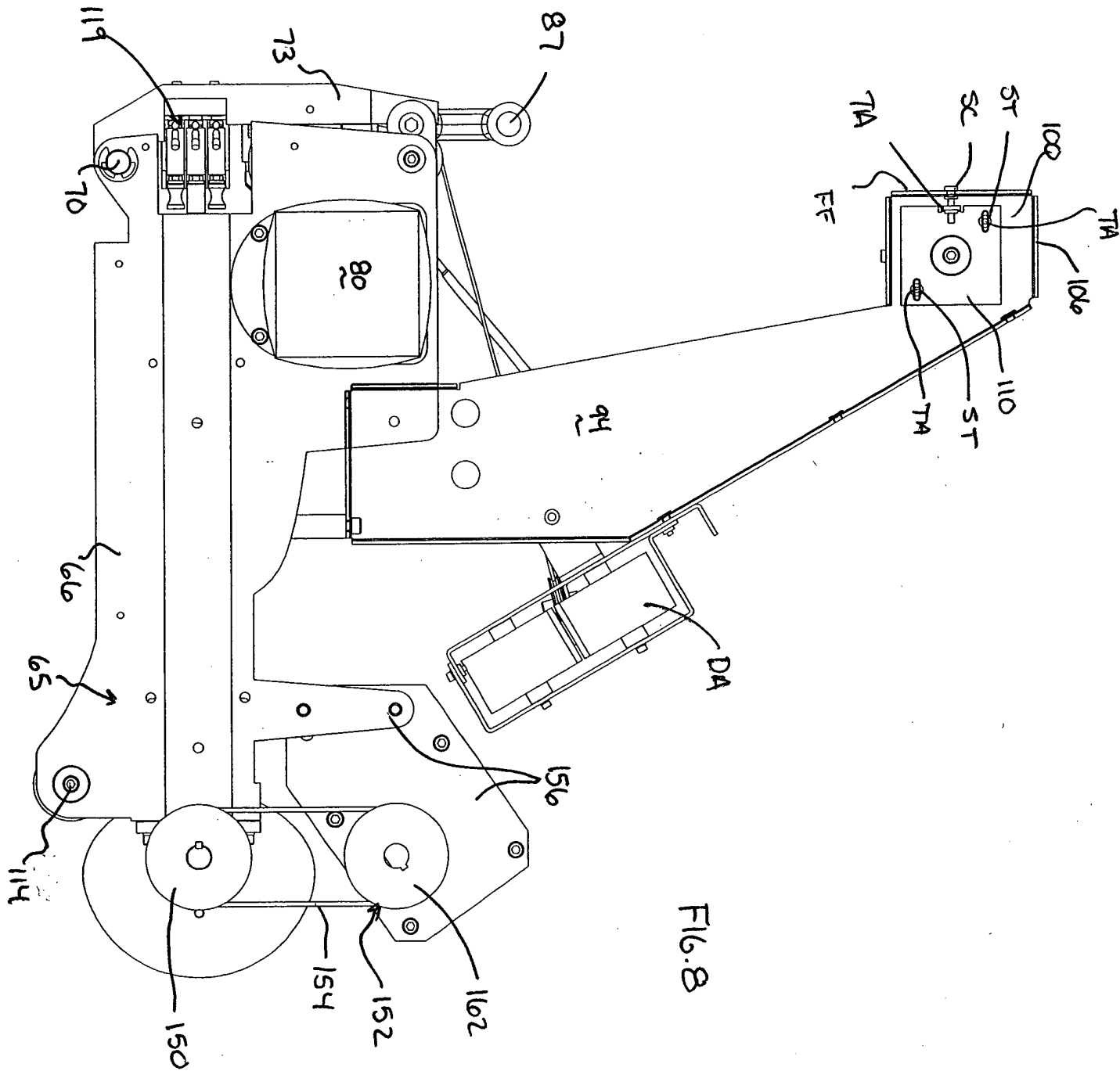


FIG. 8



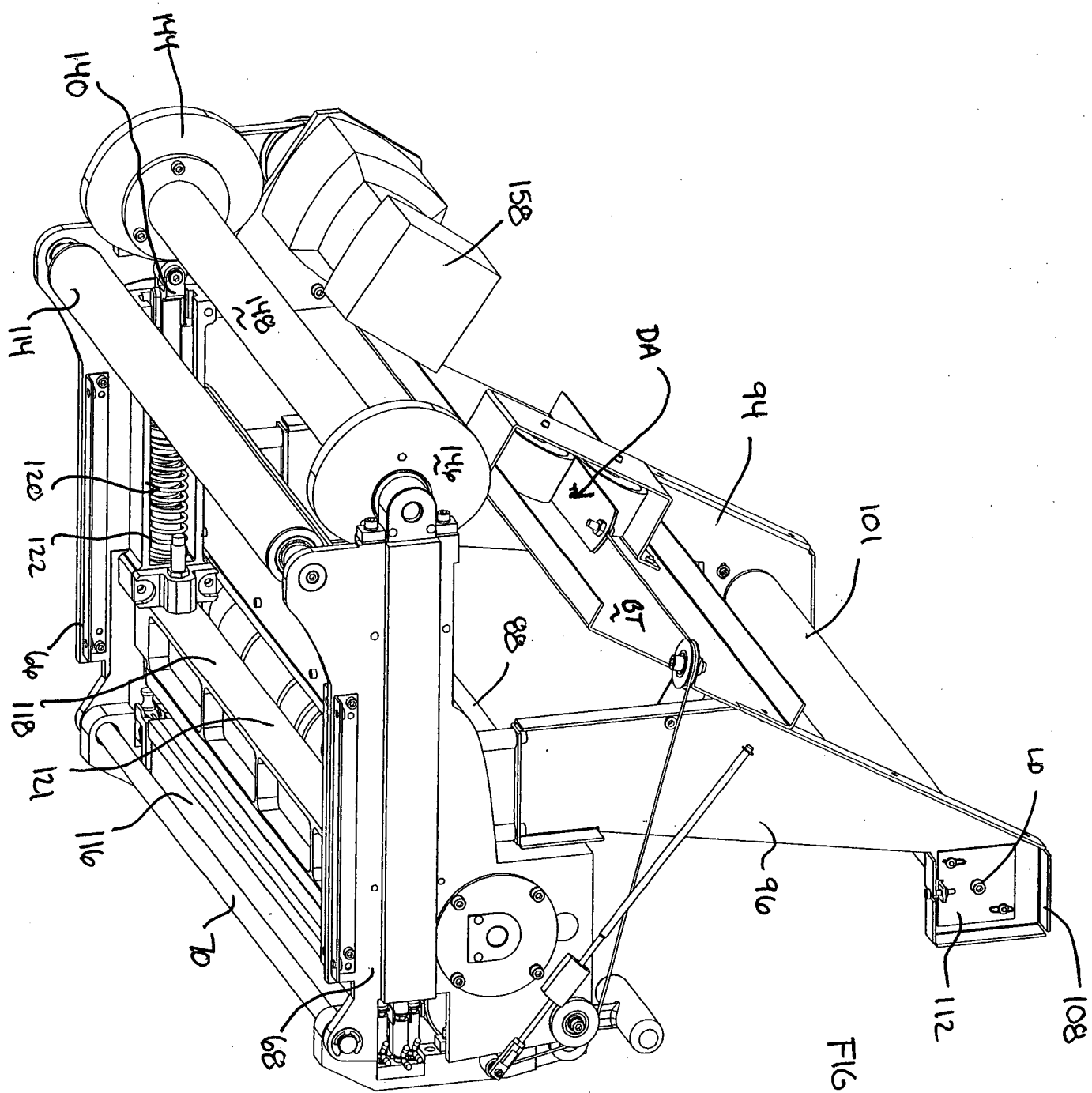
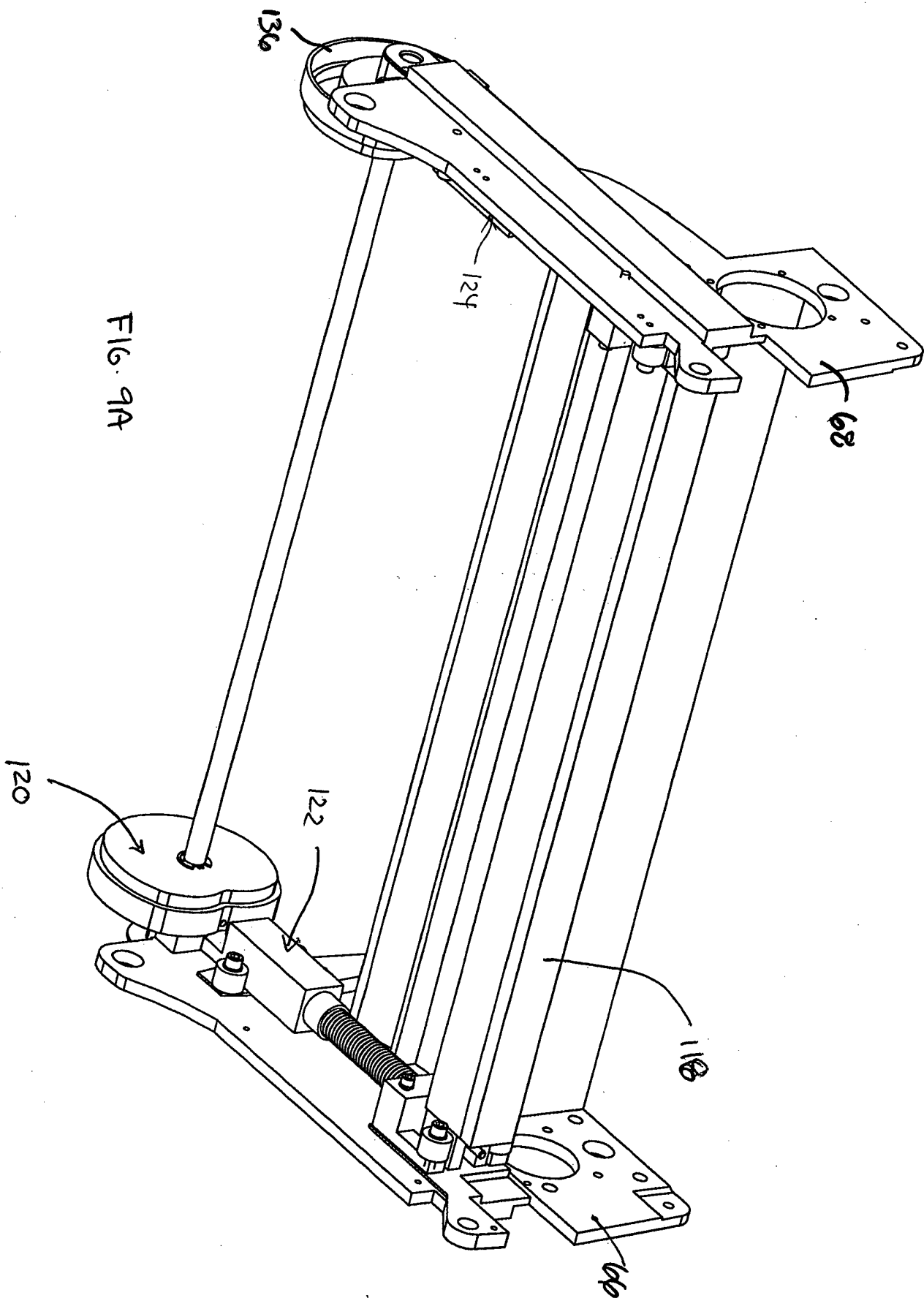
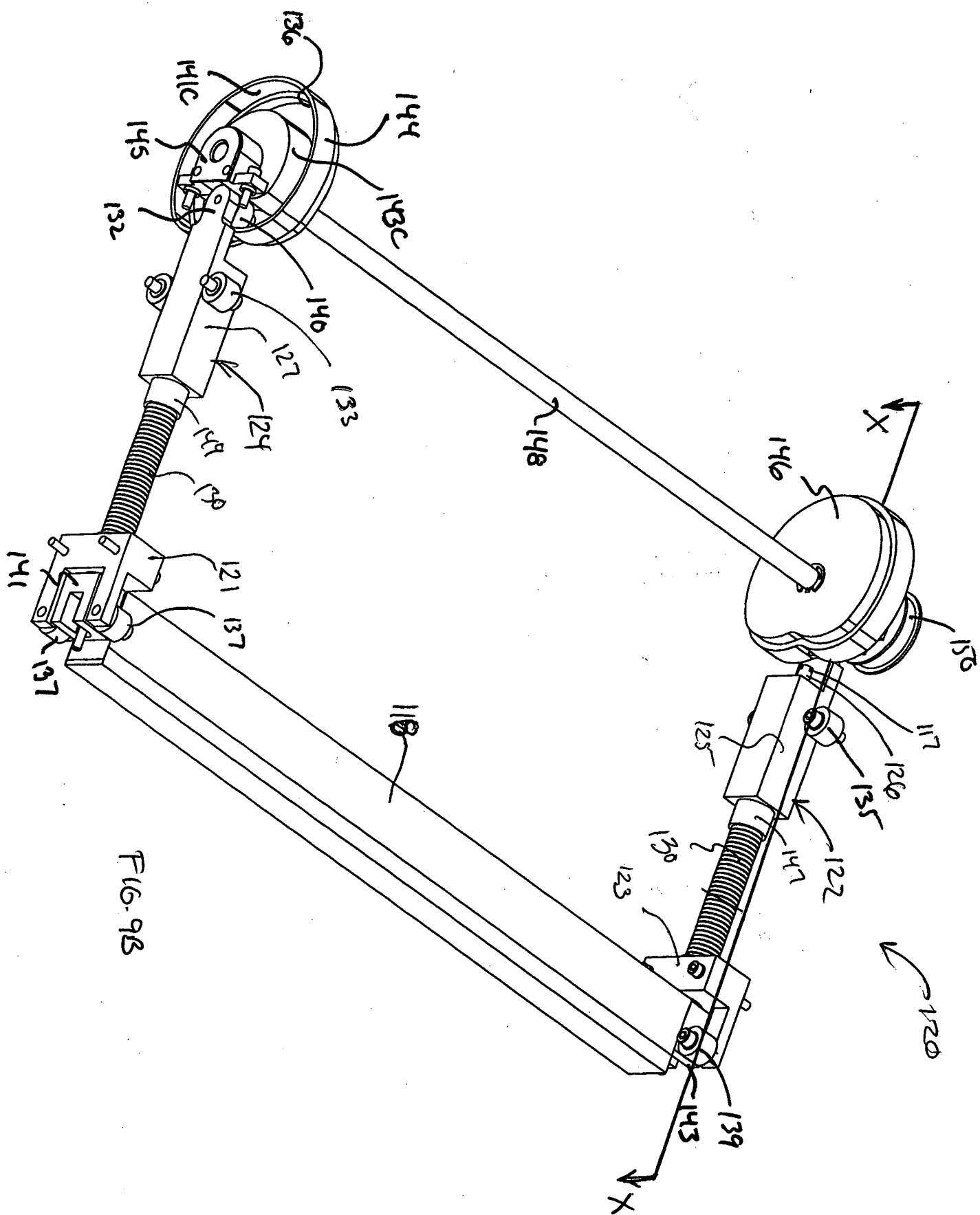


FIG. 9





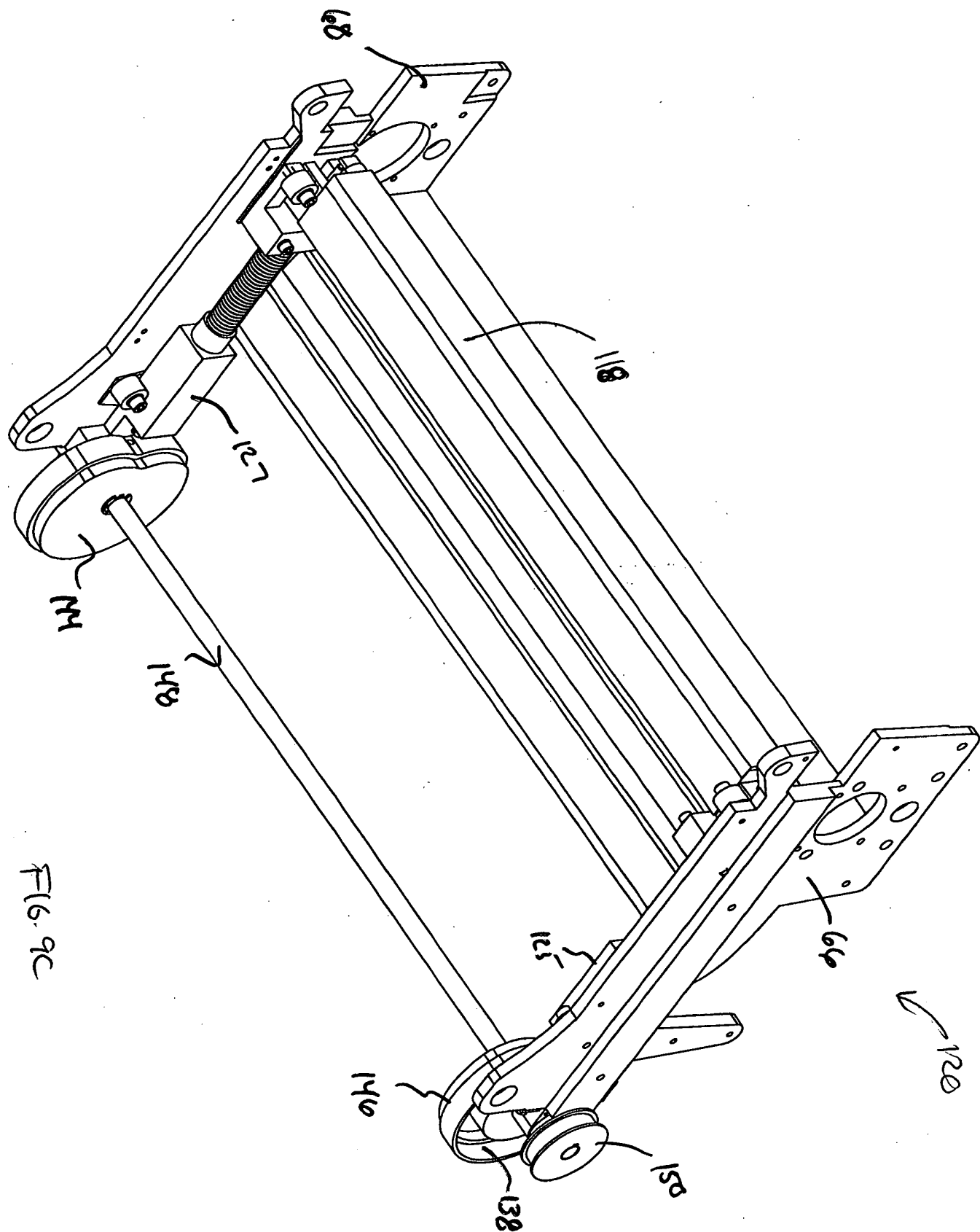


FIG. 9C

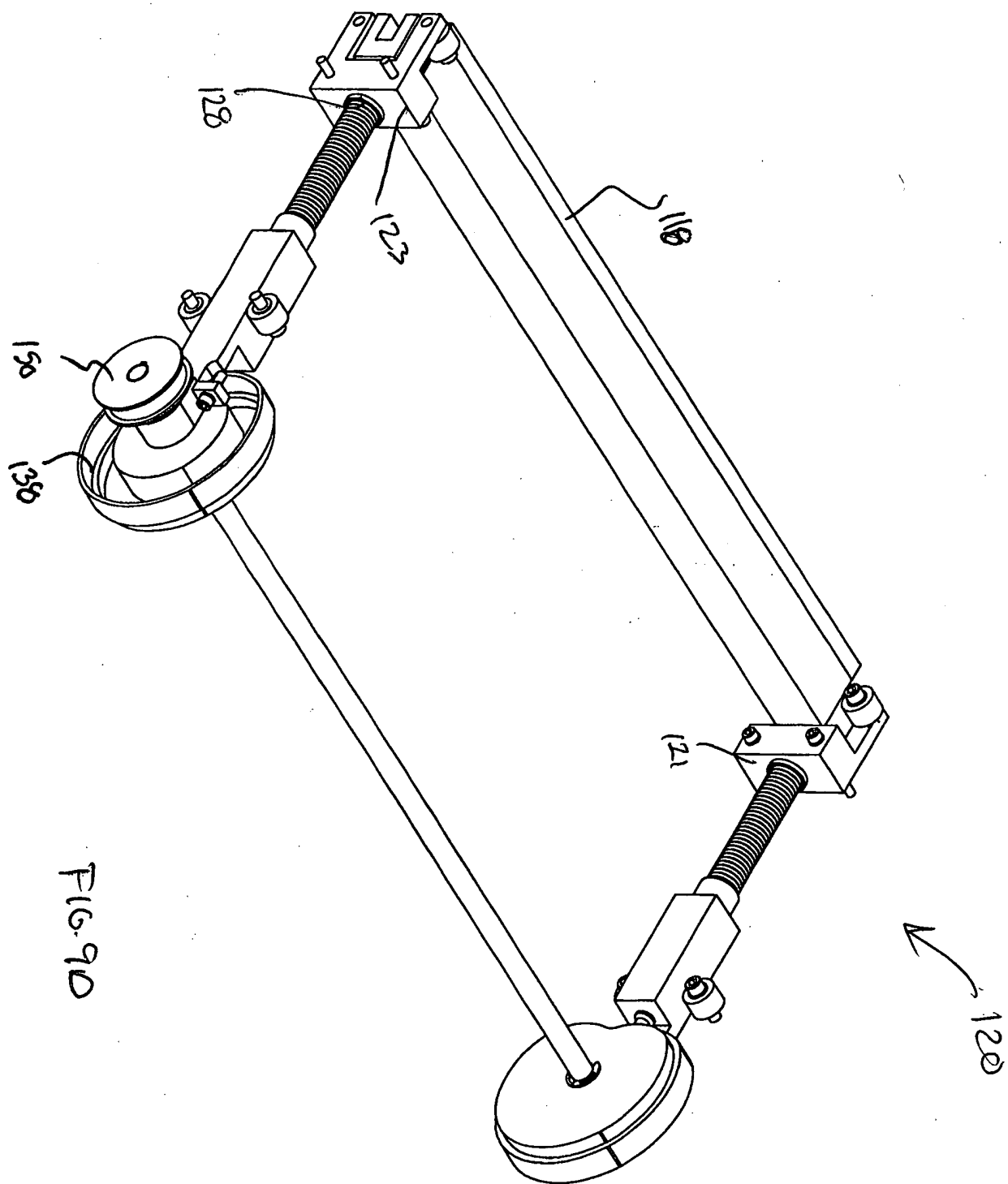
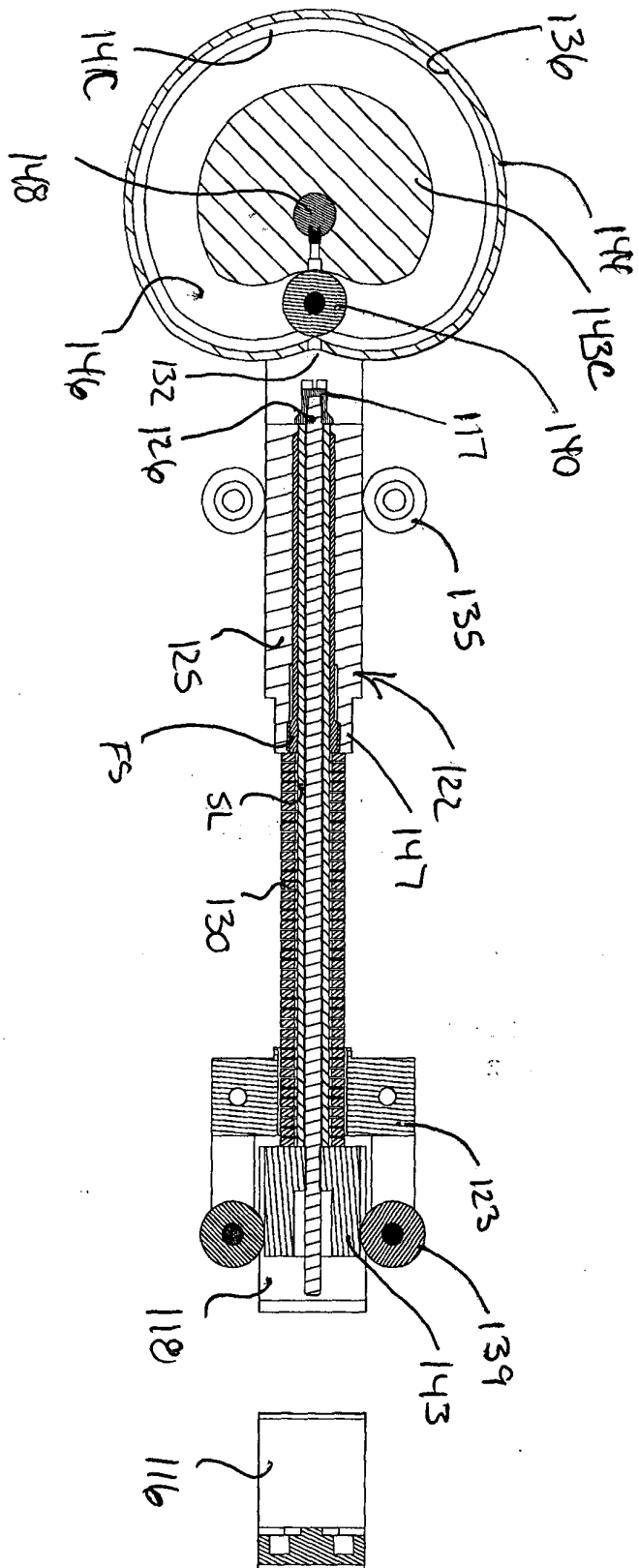


FIG. 9E



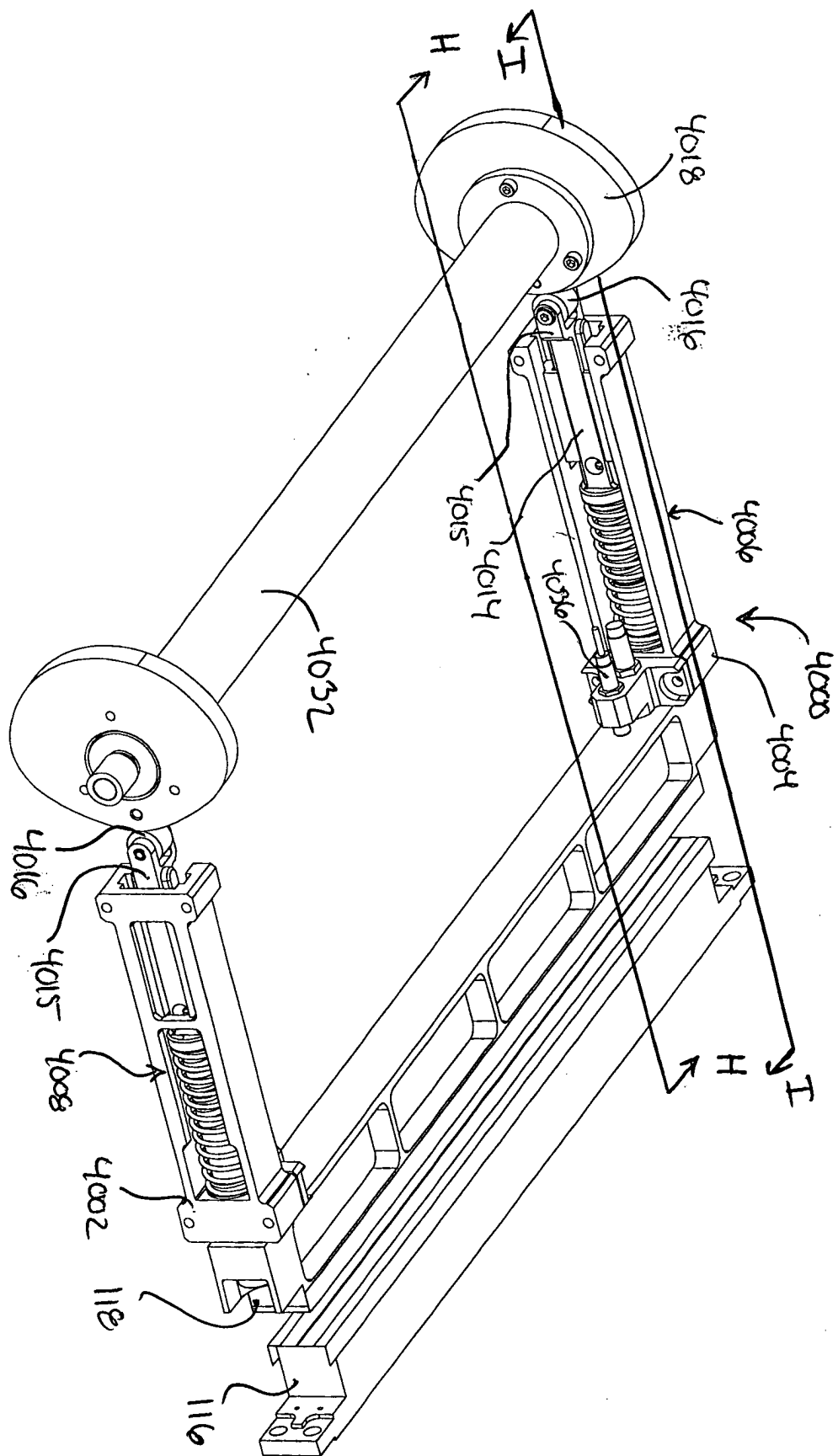


FIG. 9F

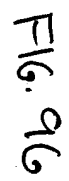


FIG. 9C



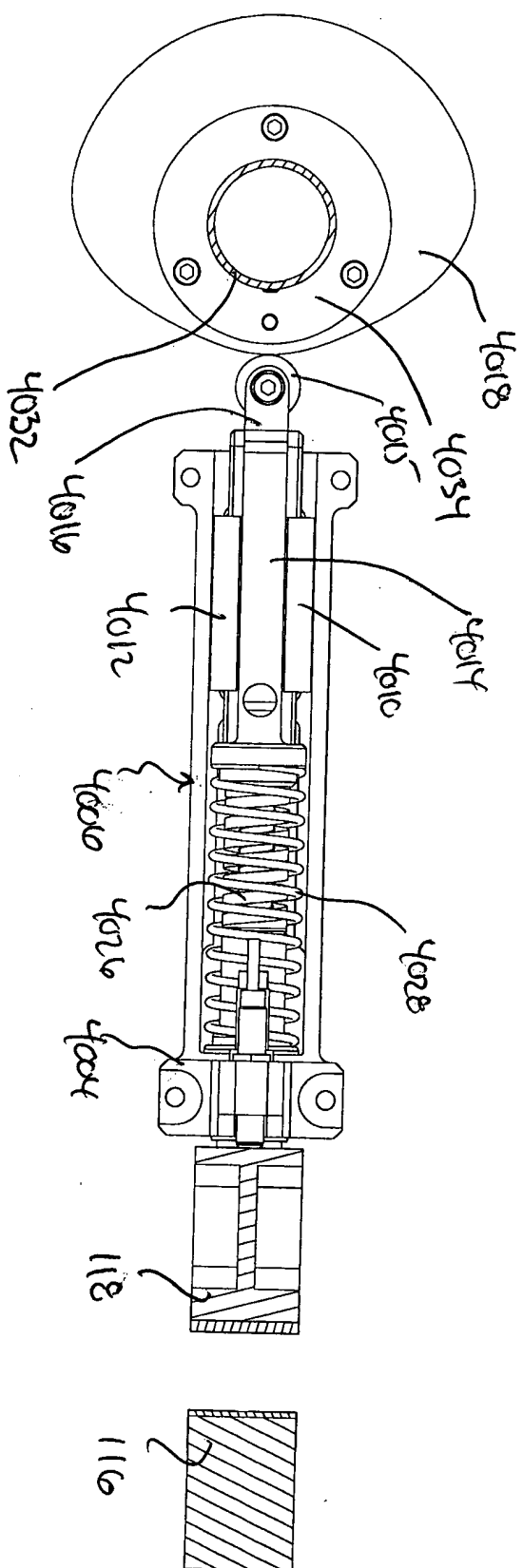


FIG. 9H

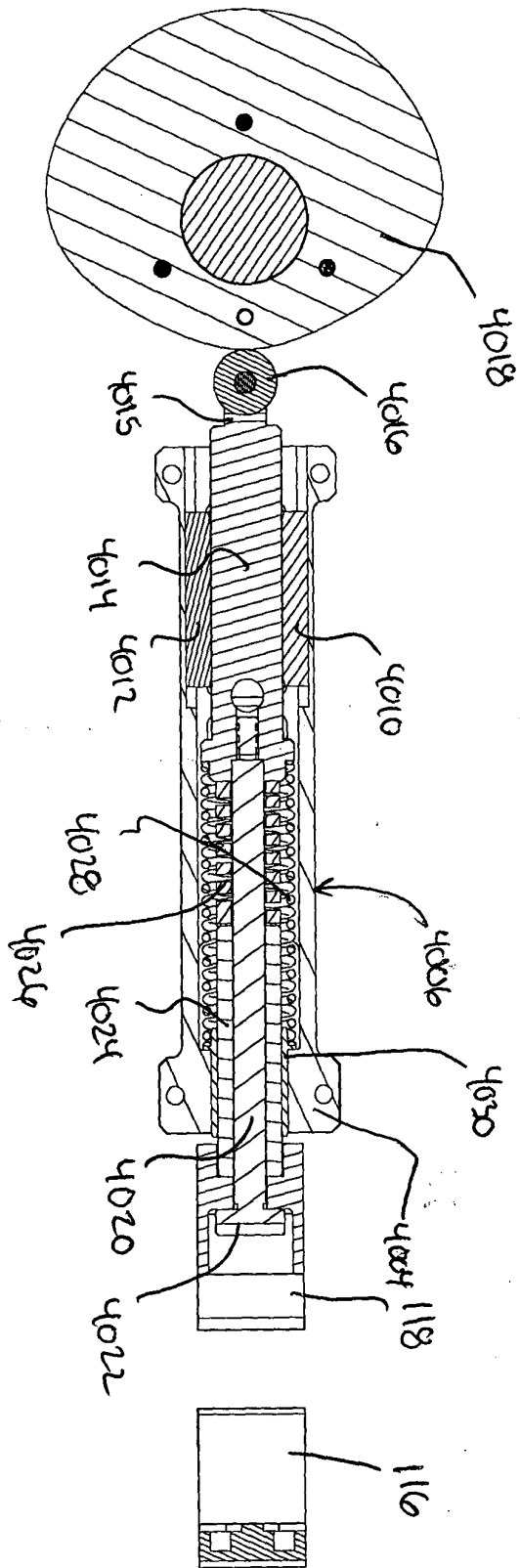


FIG. 9I

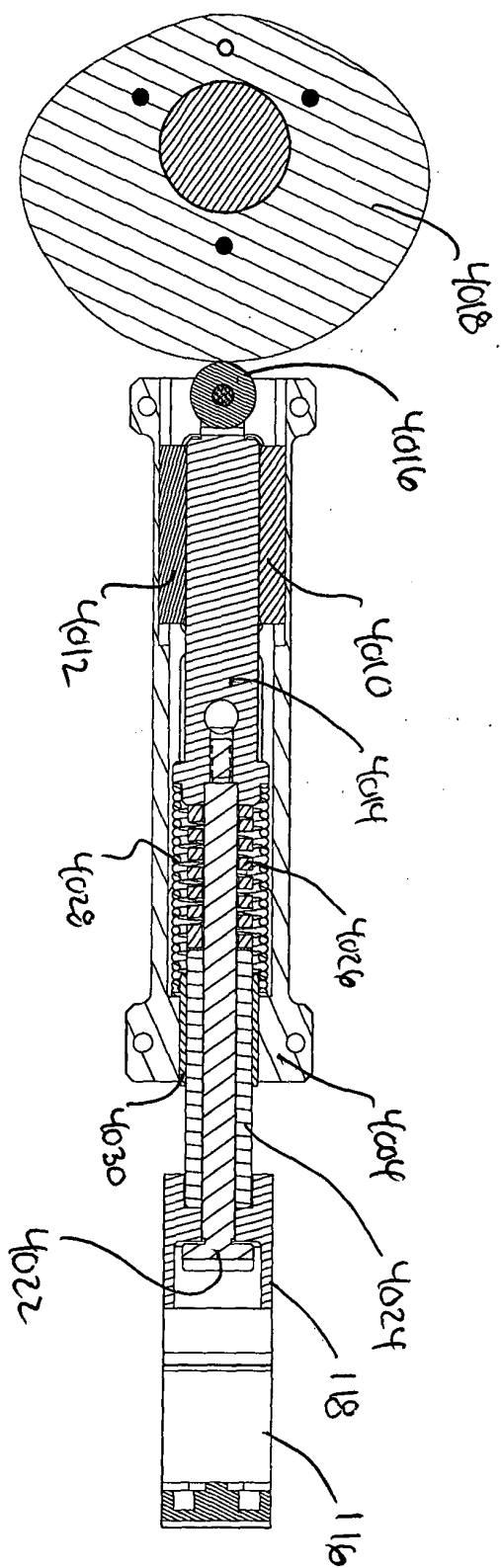
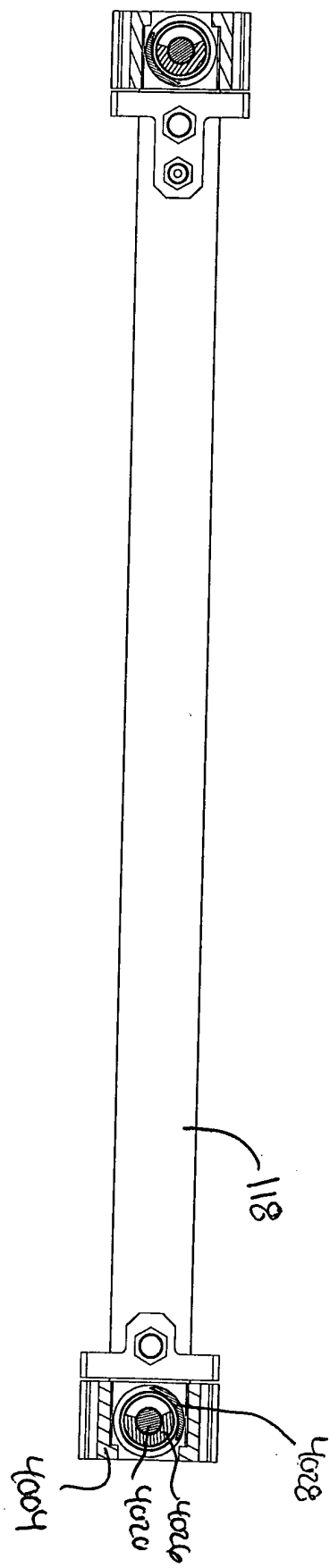


FIG. 9K



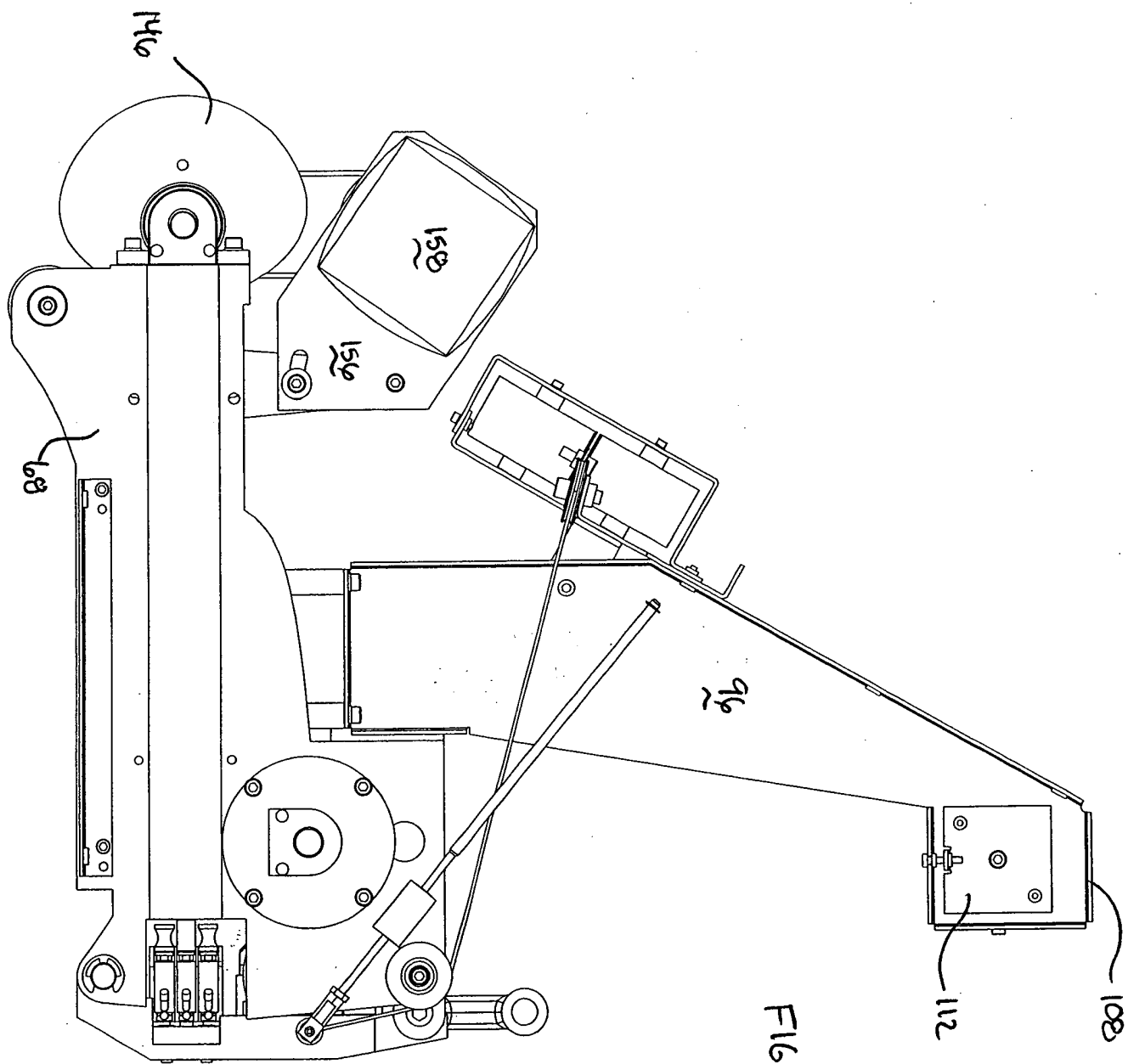
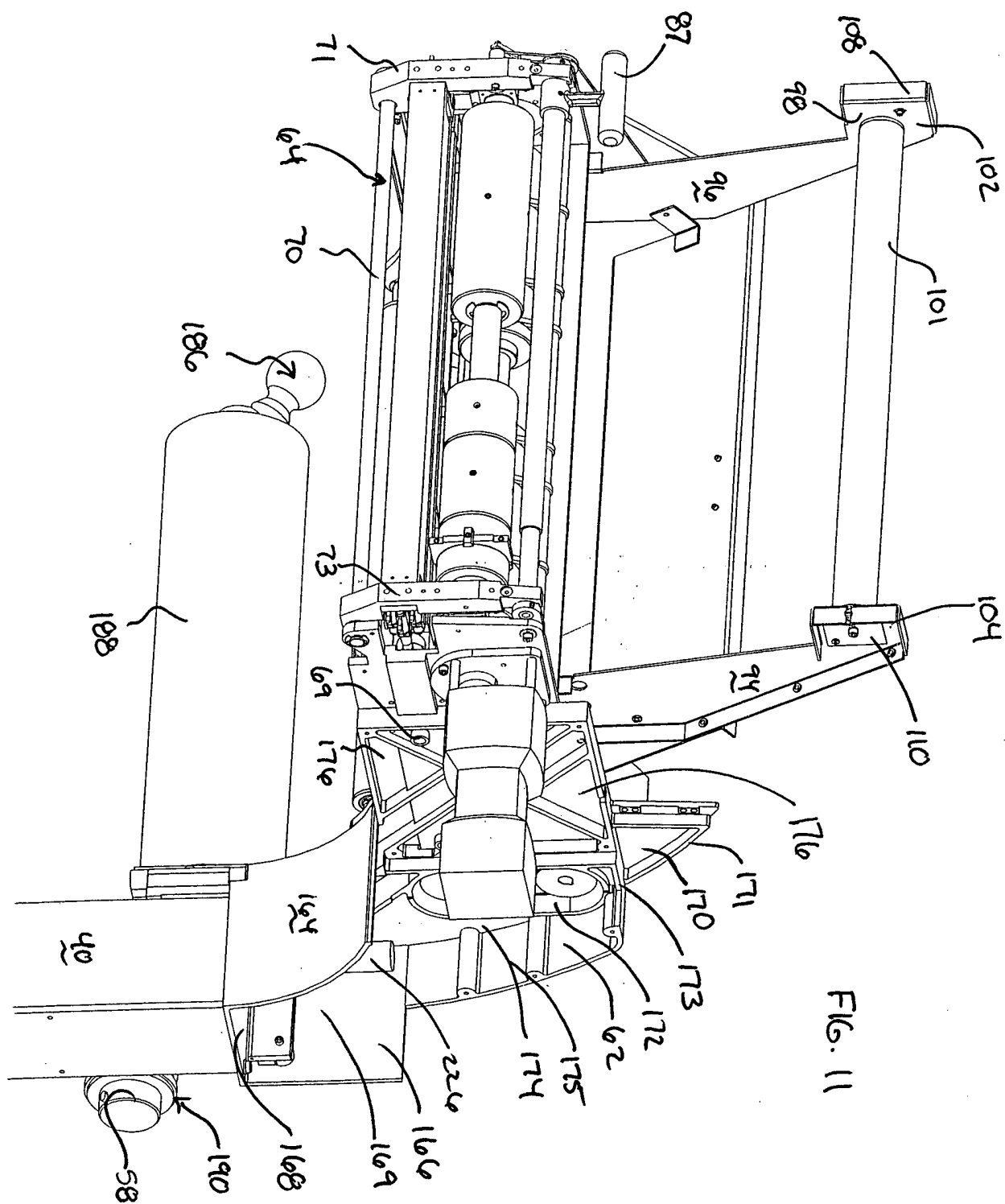
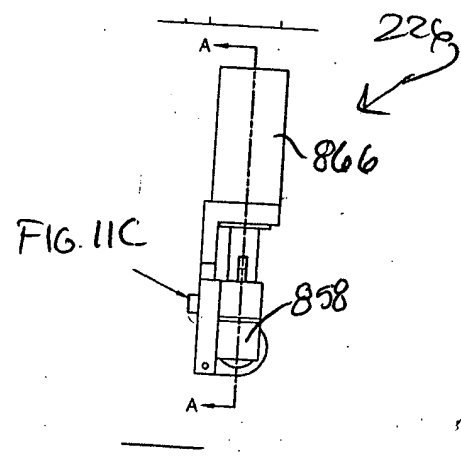
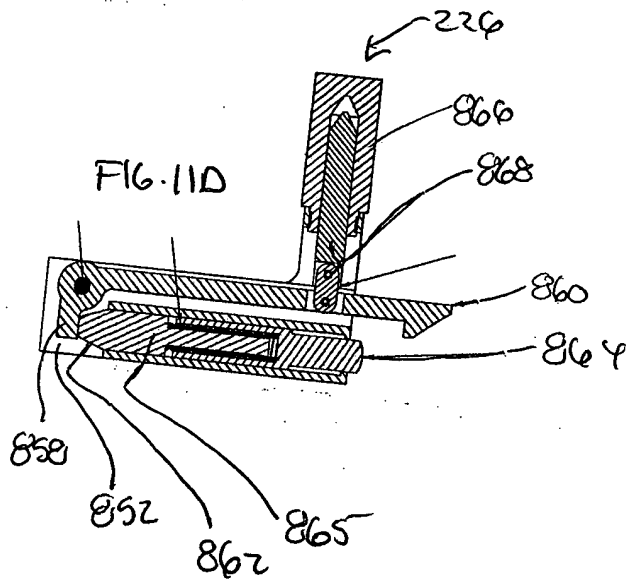
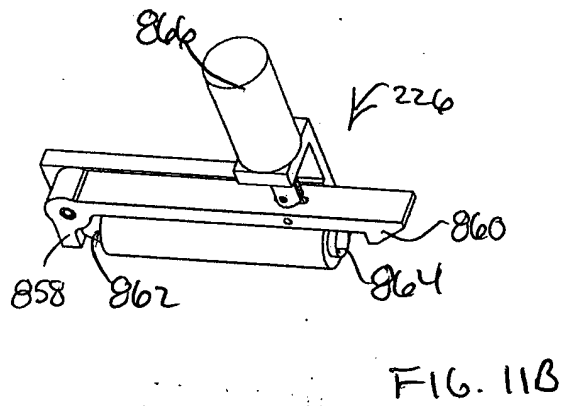
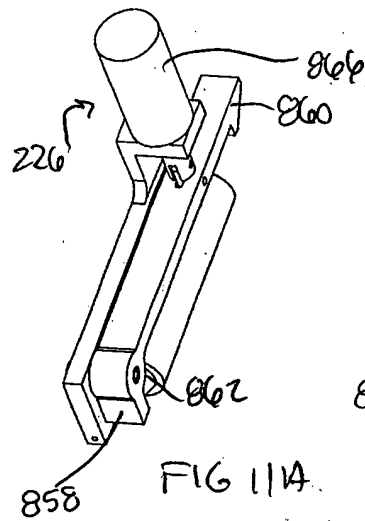
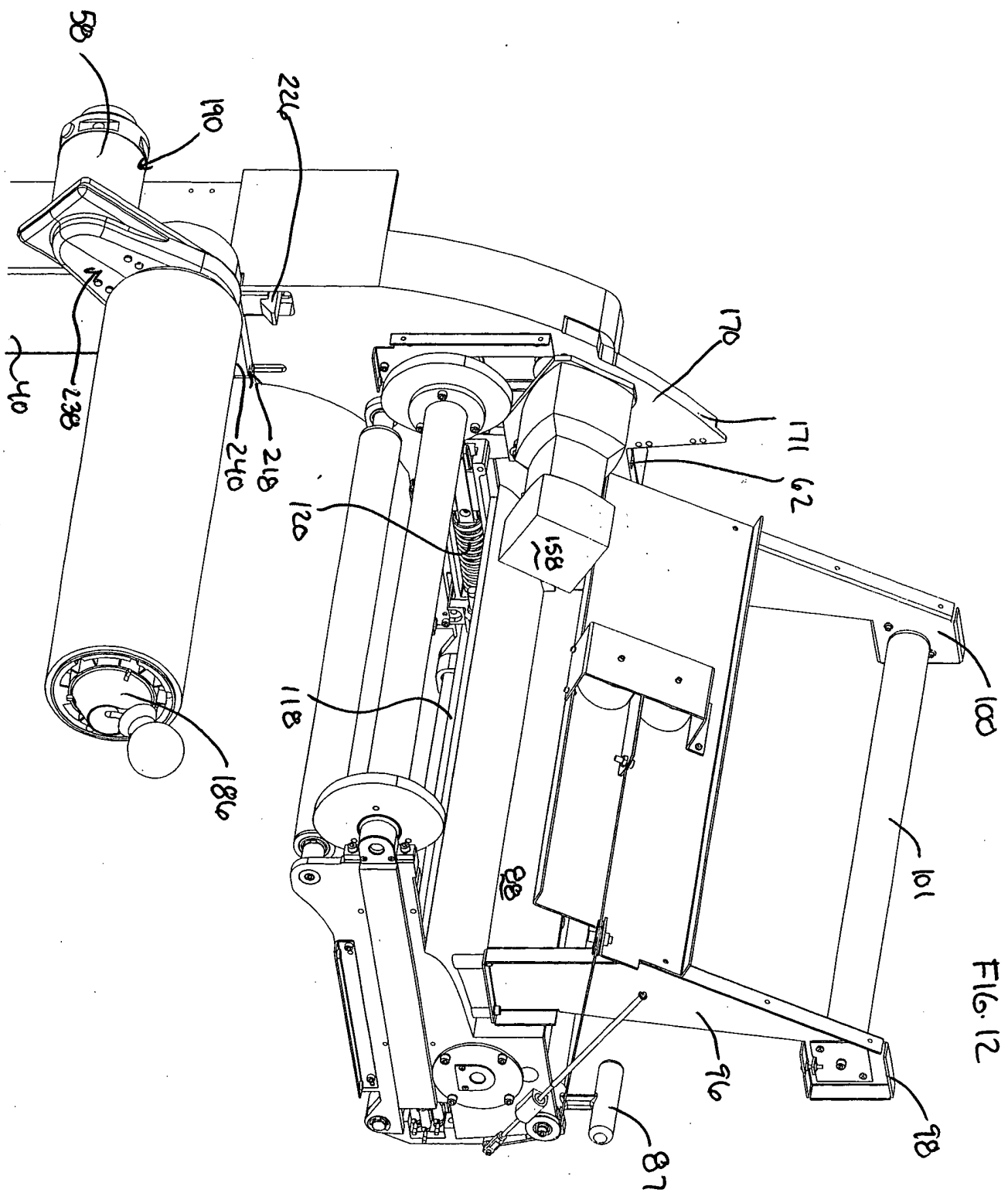


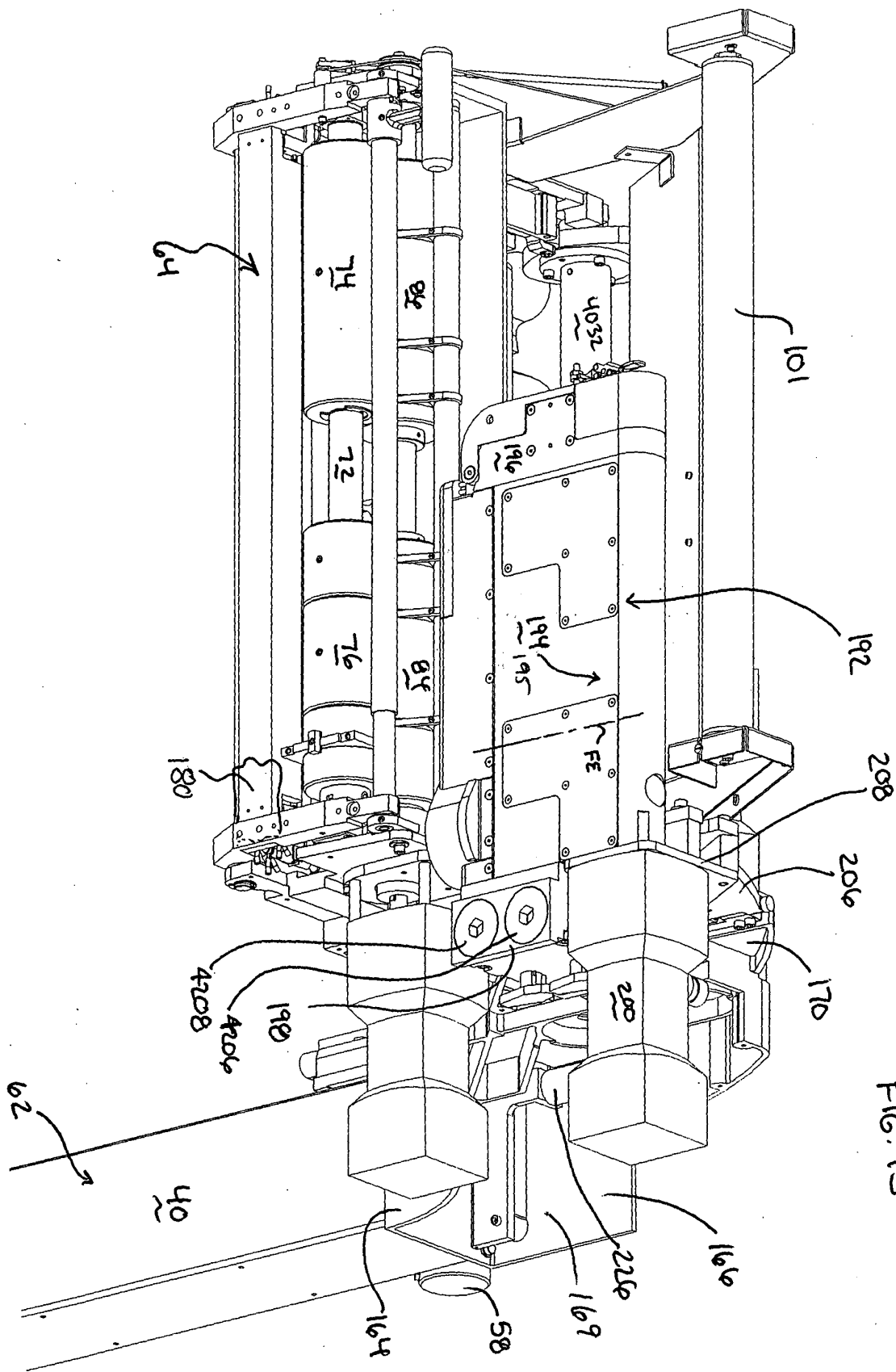
FIG. 10





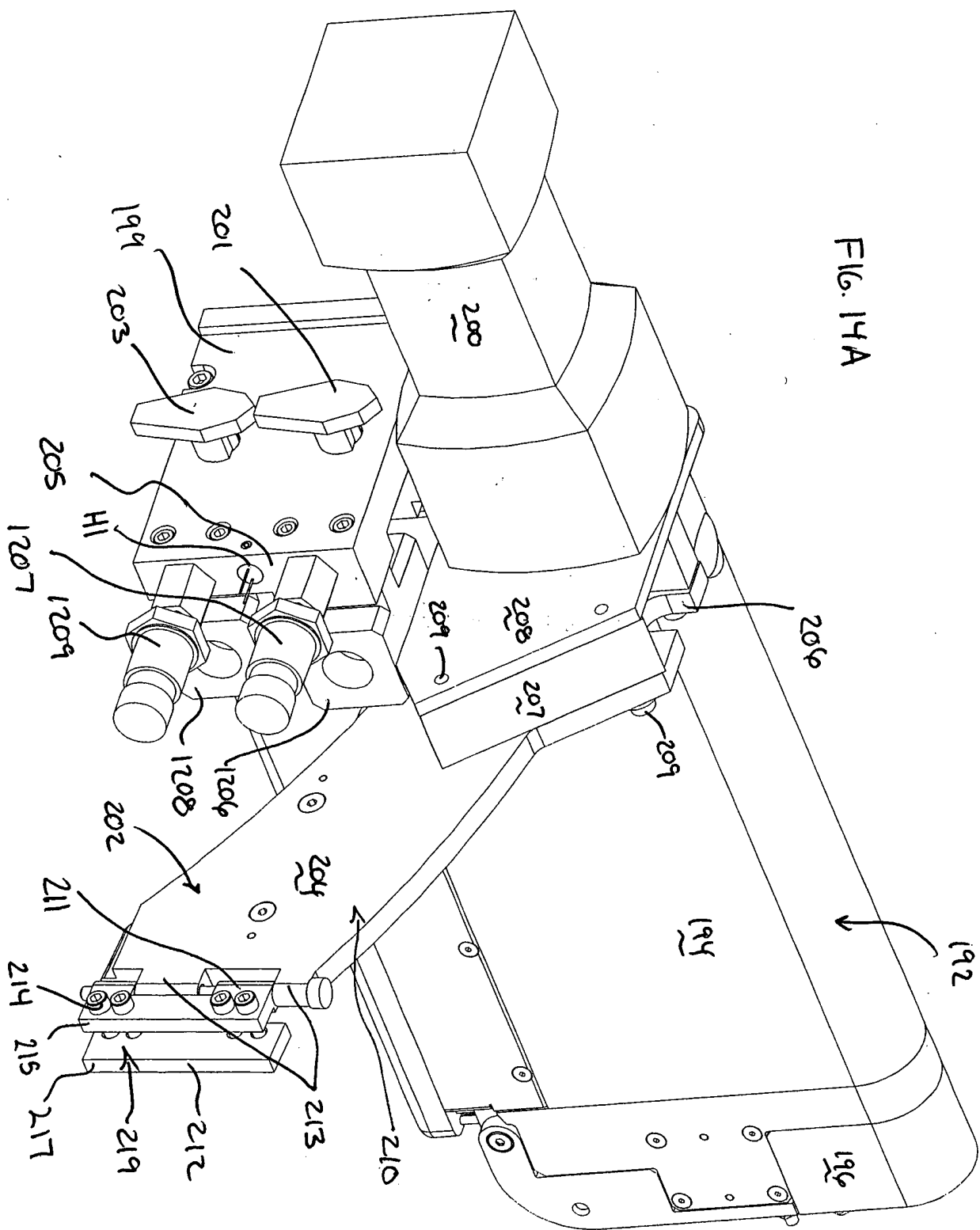






File. 13

FIG. 14A



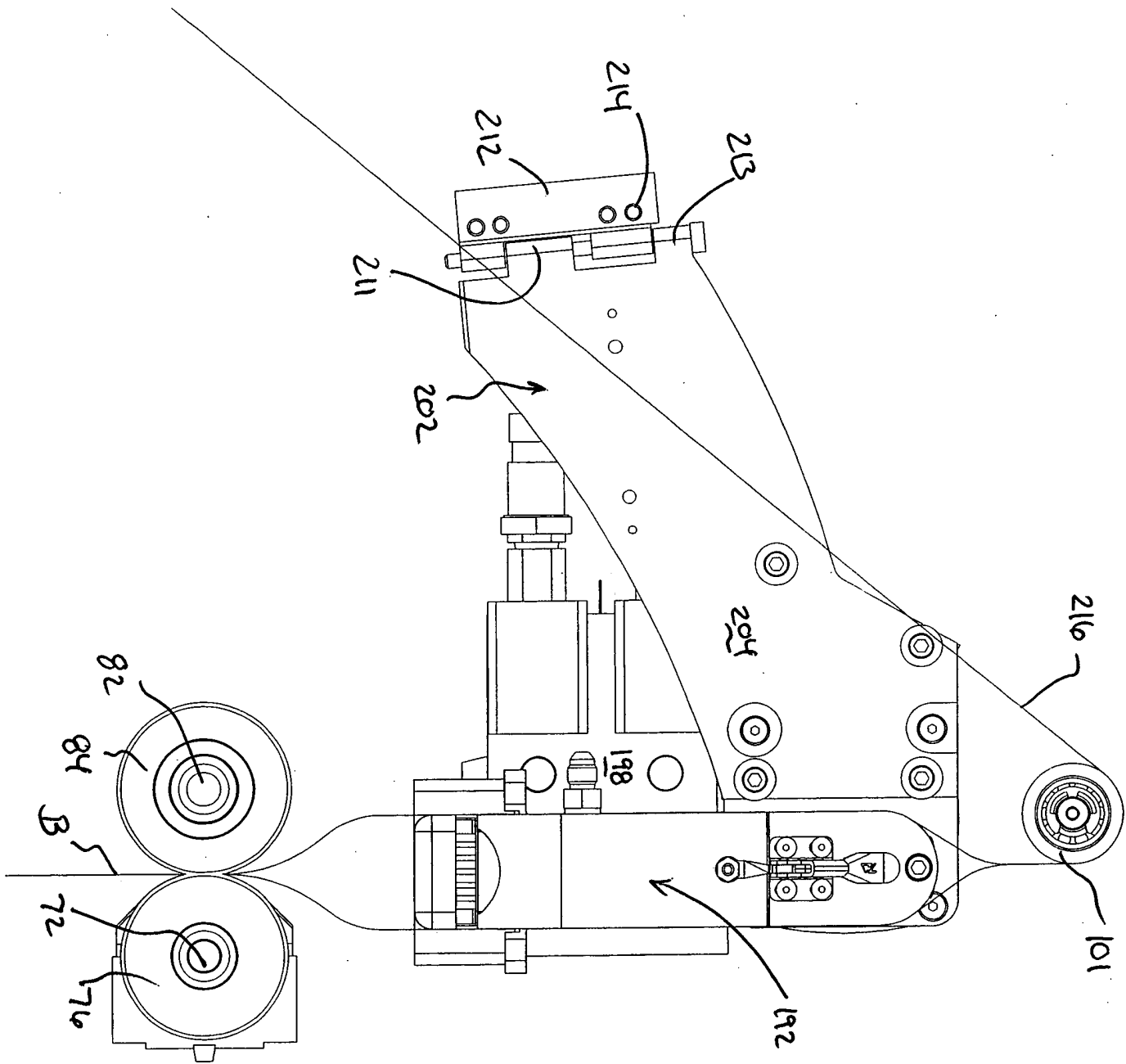


FIG. 14B

FIG 15A

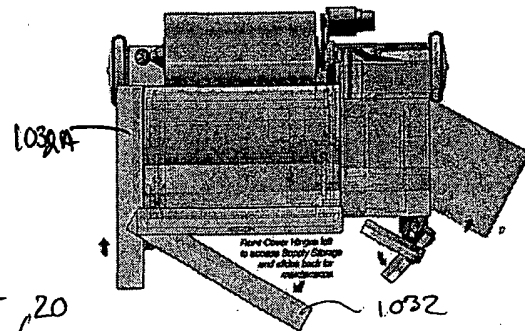


FIG. 15

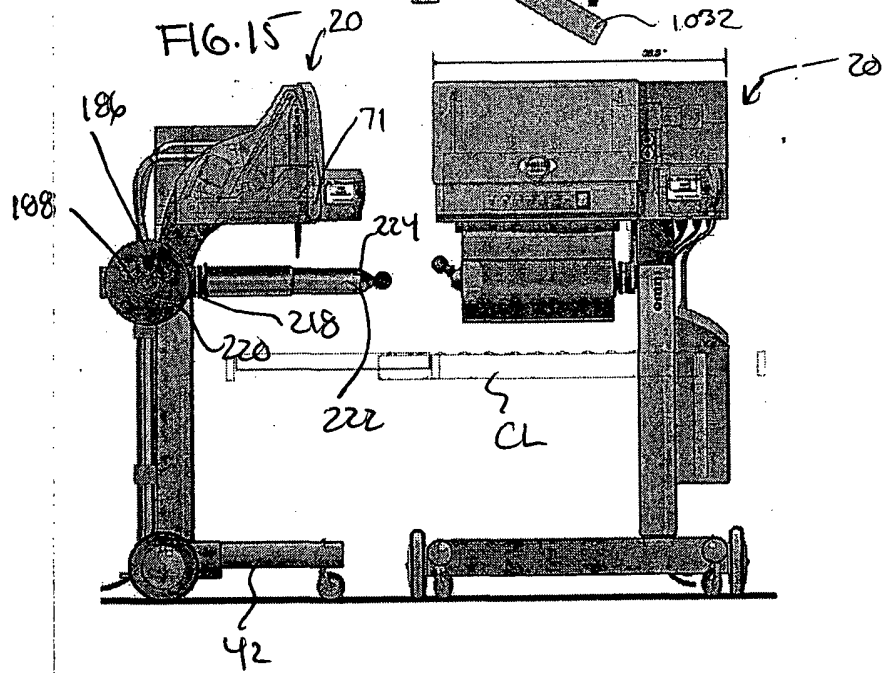
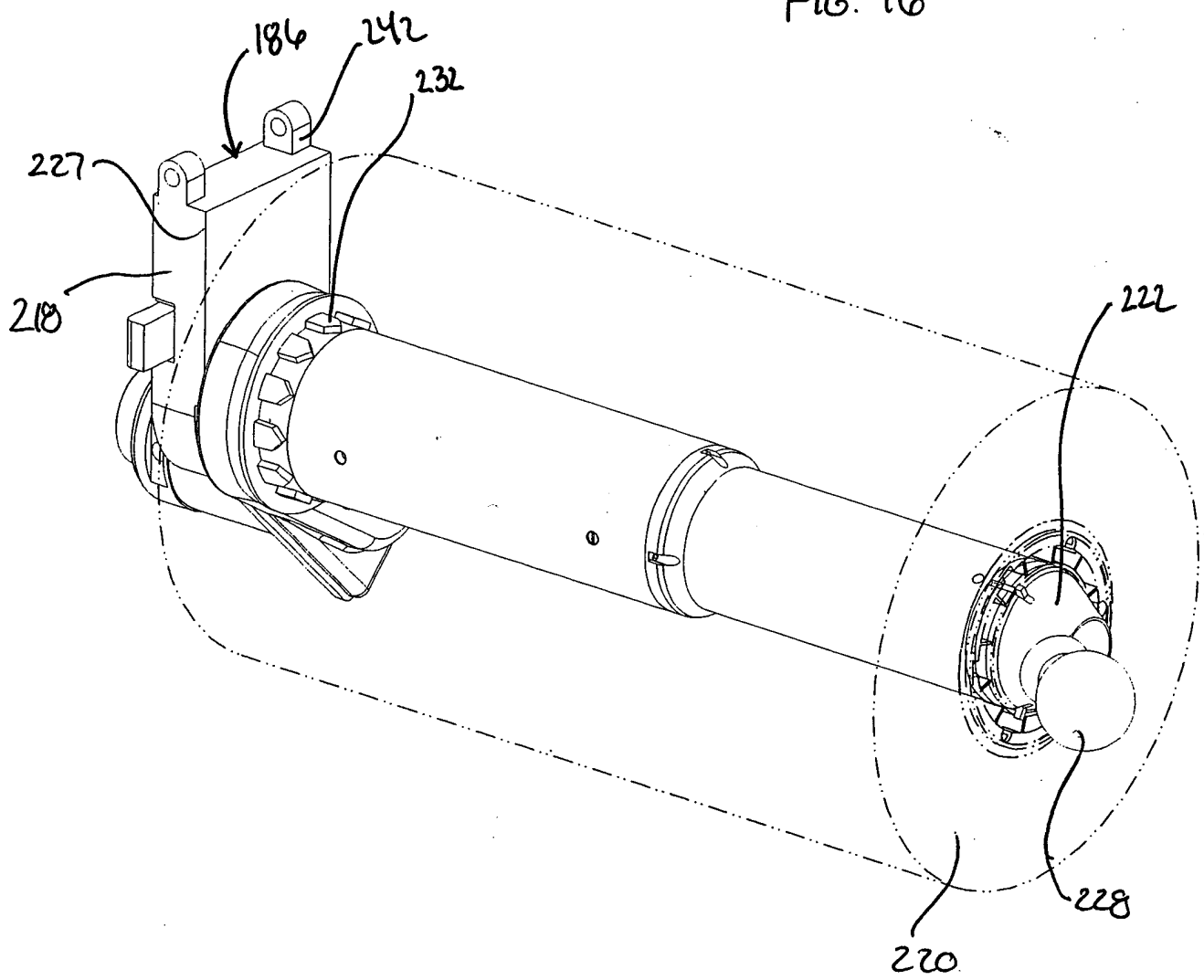
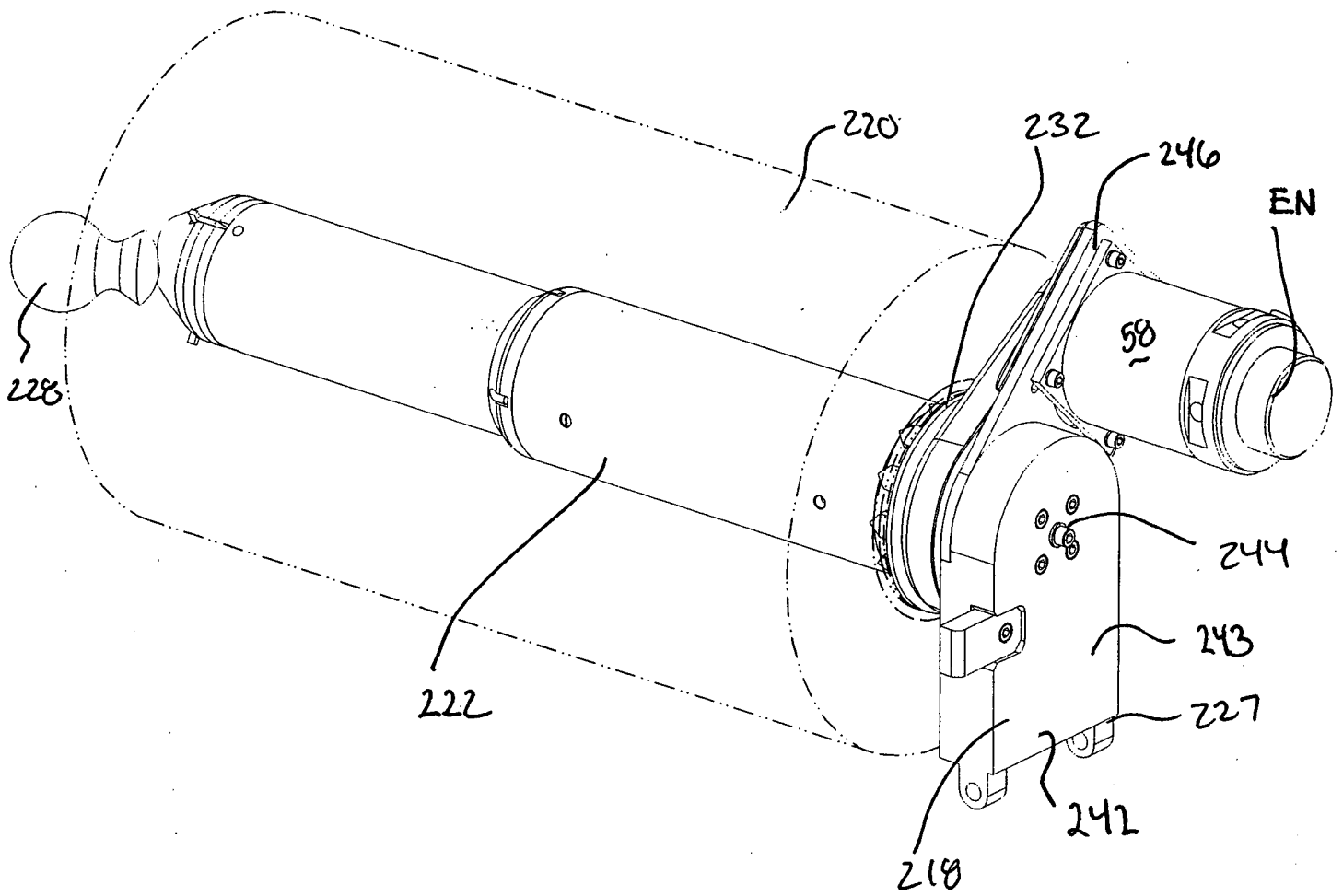


FIG 15B

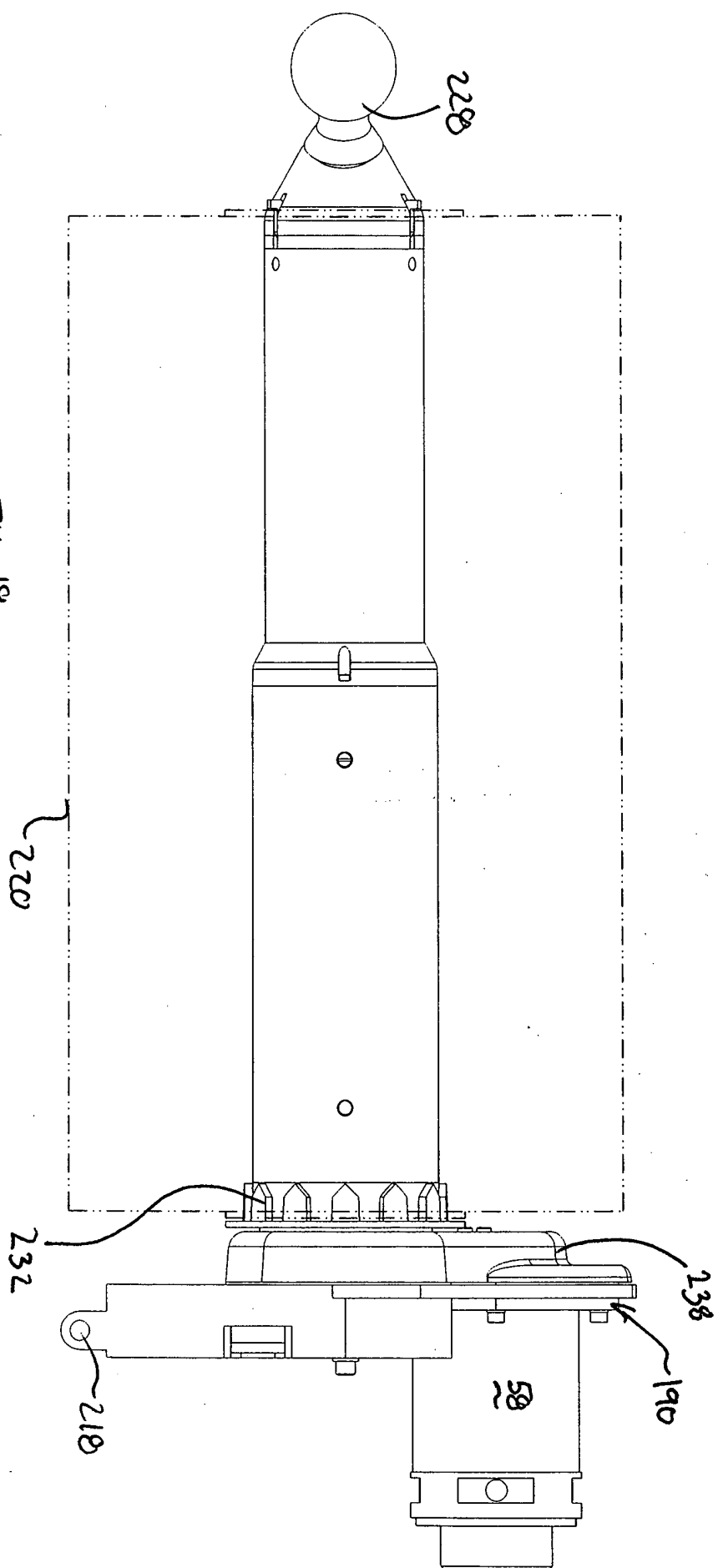
FIG. 16



F16.17



F16.18



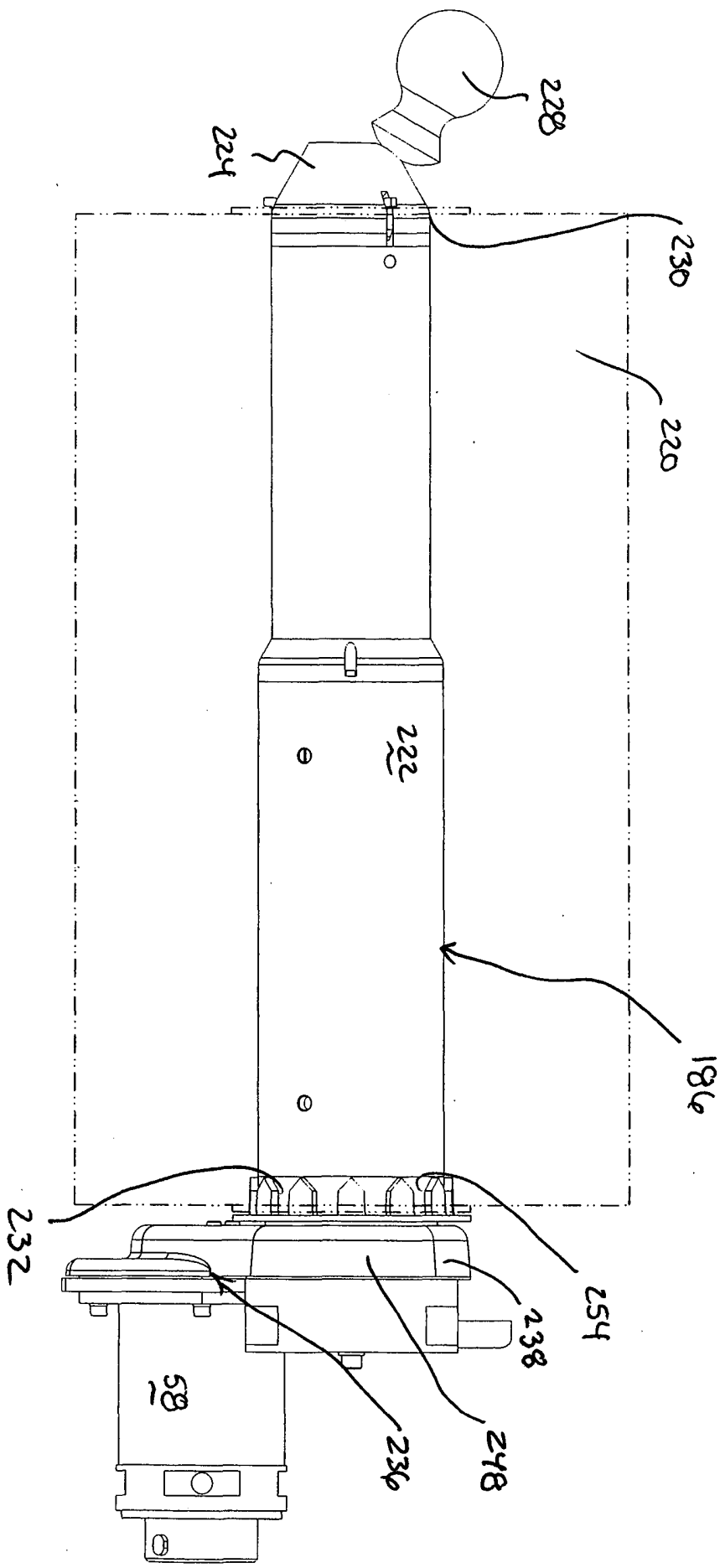


FIG. 19



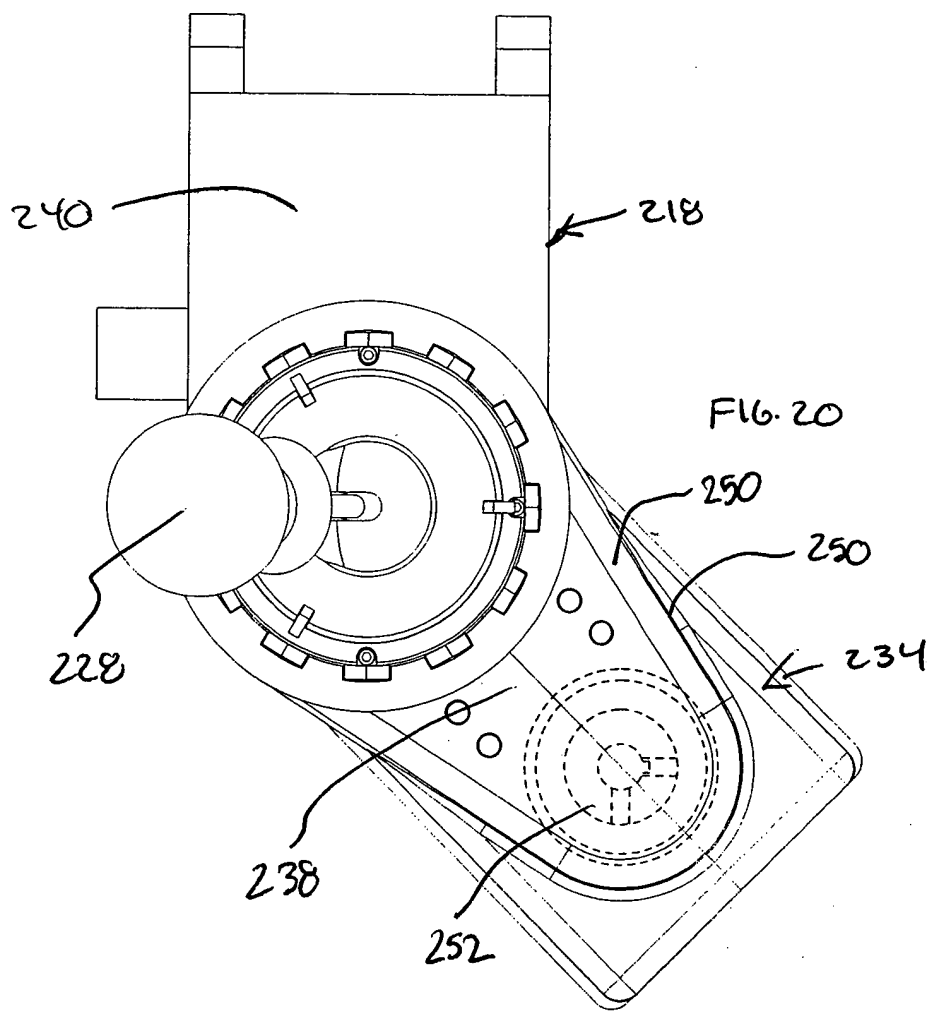
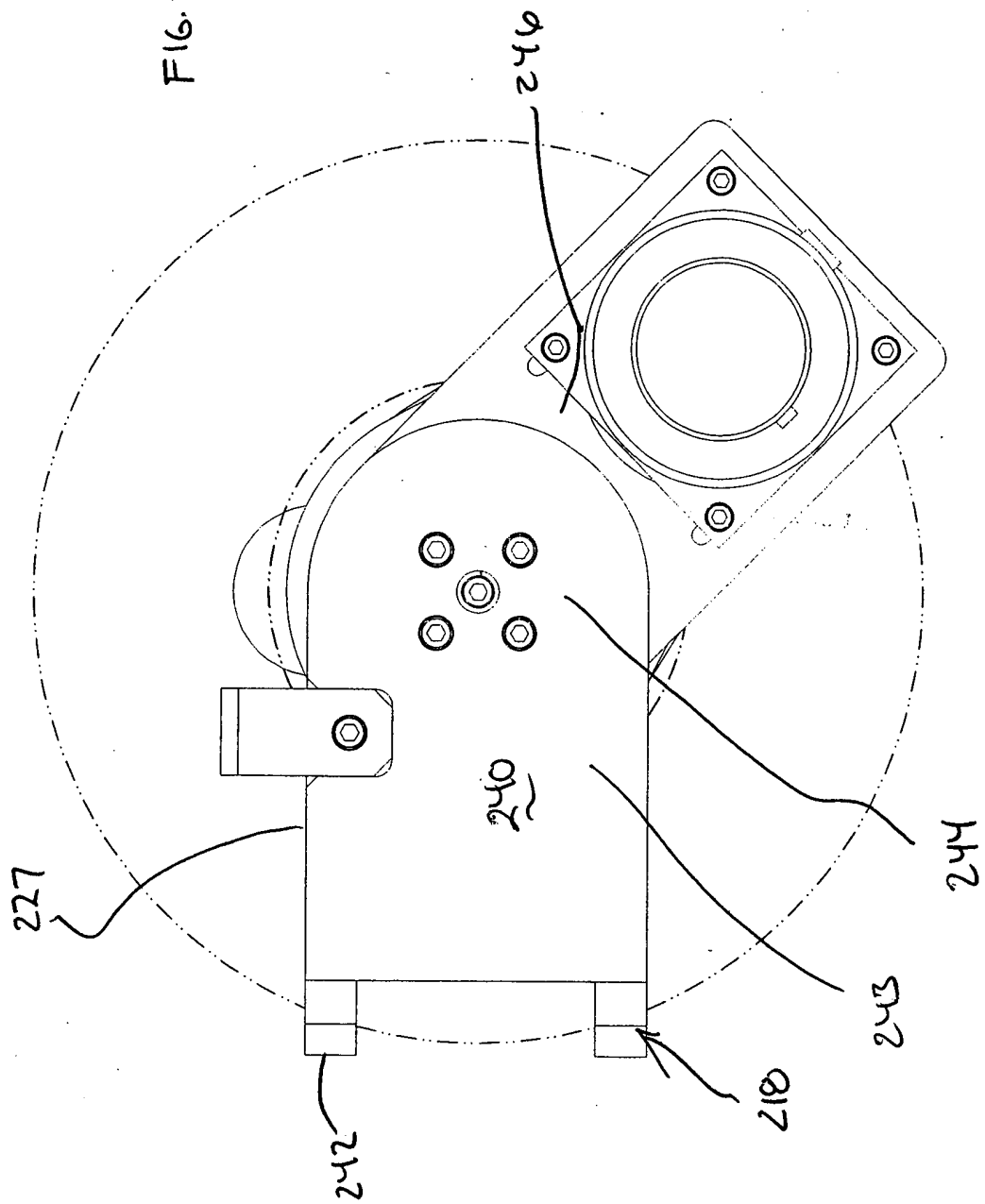


FIG. 21



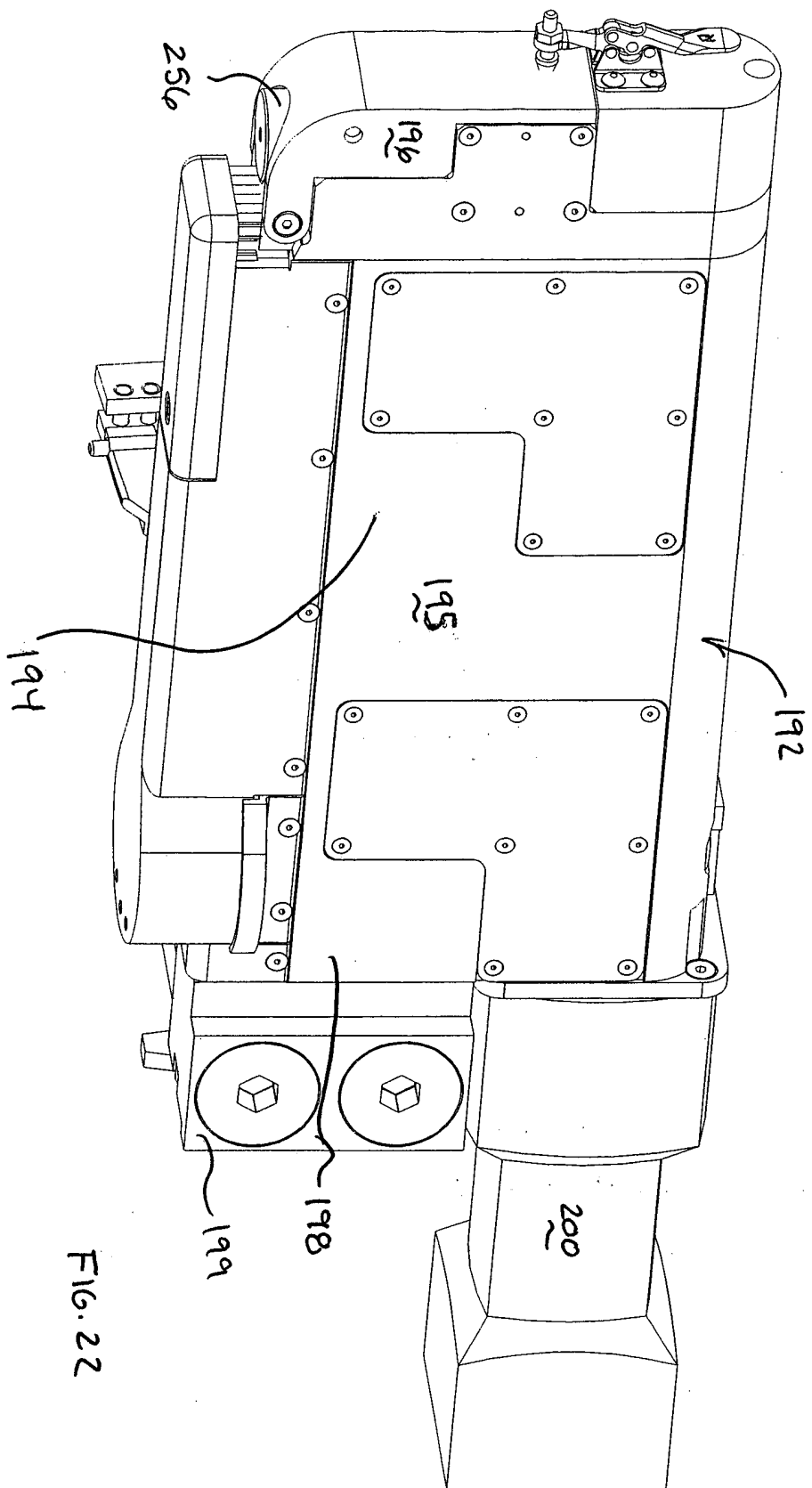
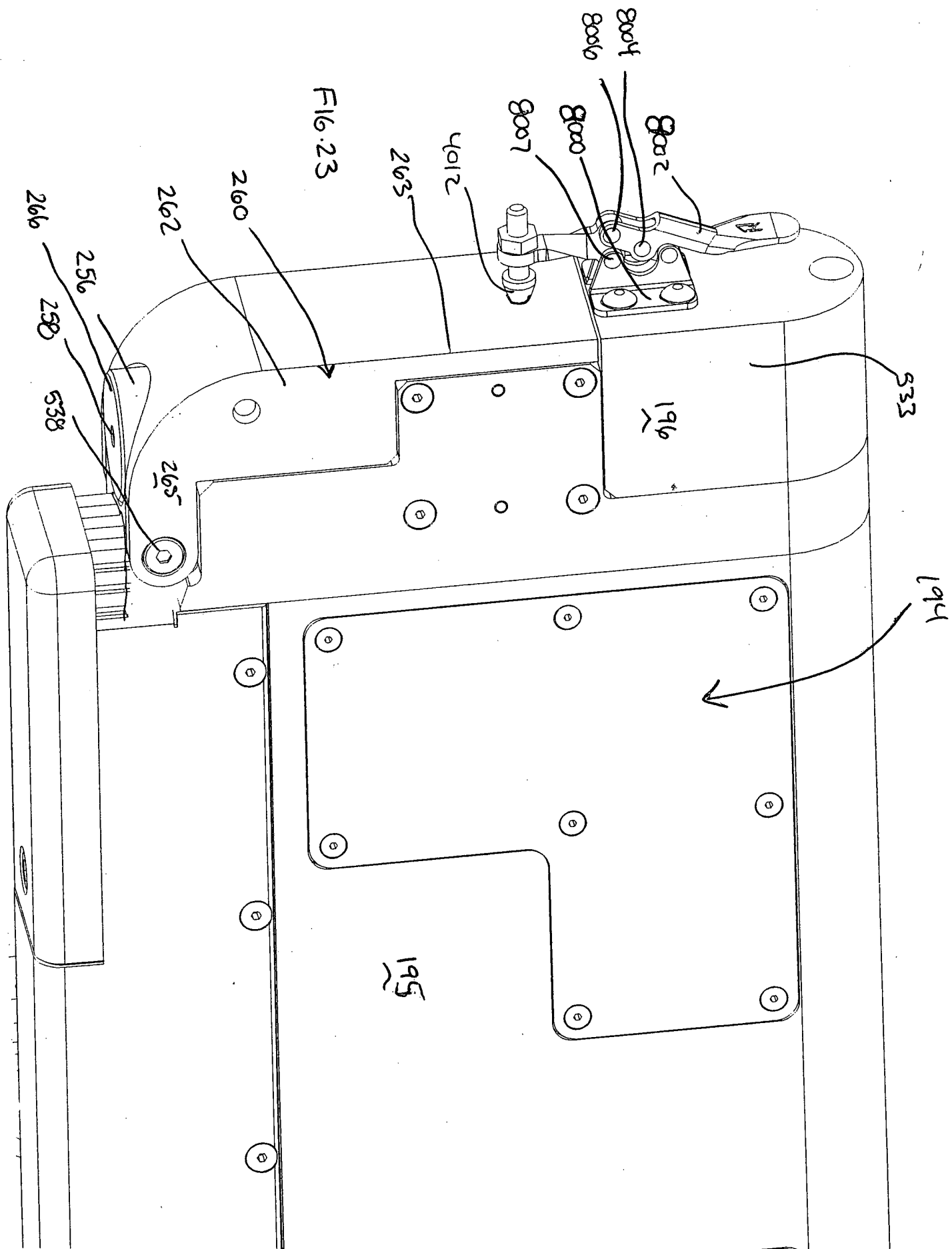


FIG. 22



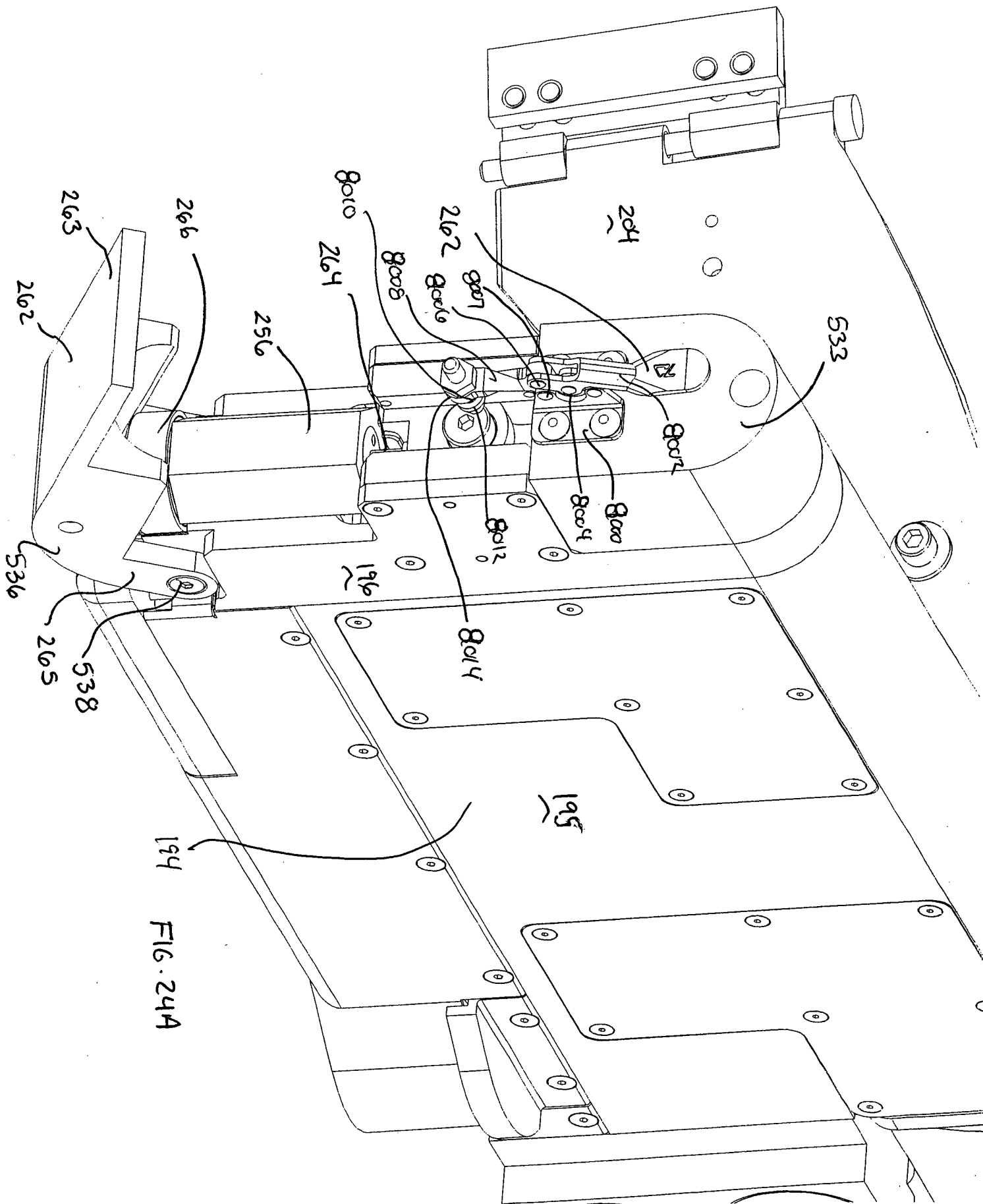


FIG. 24A

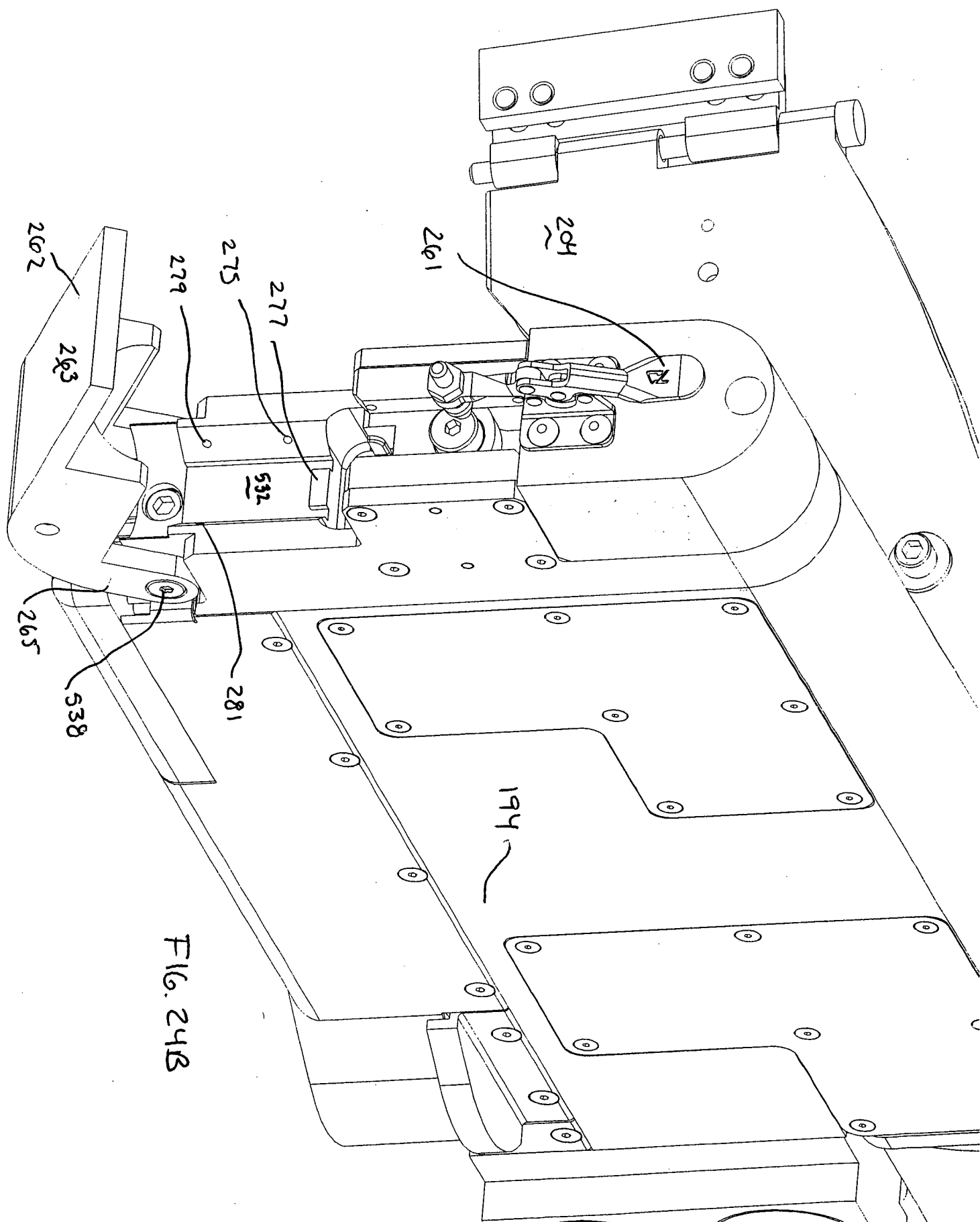


FIG. 24B

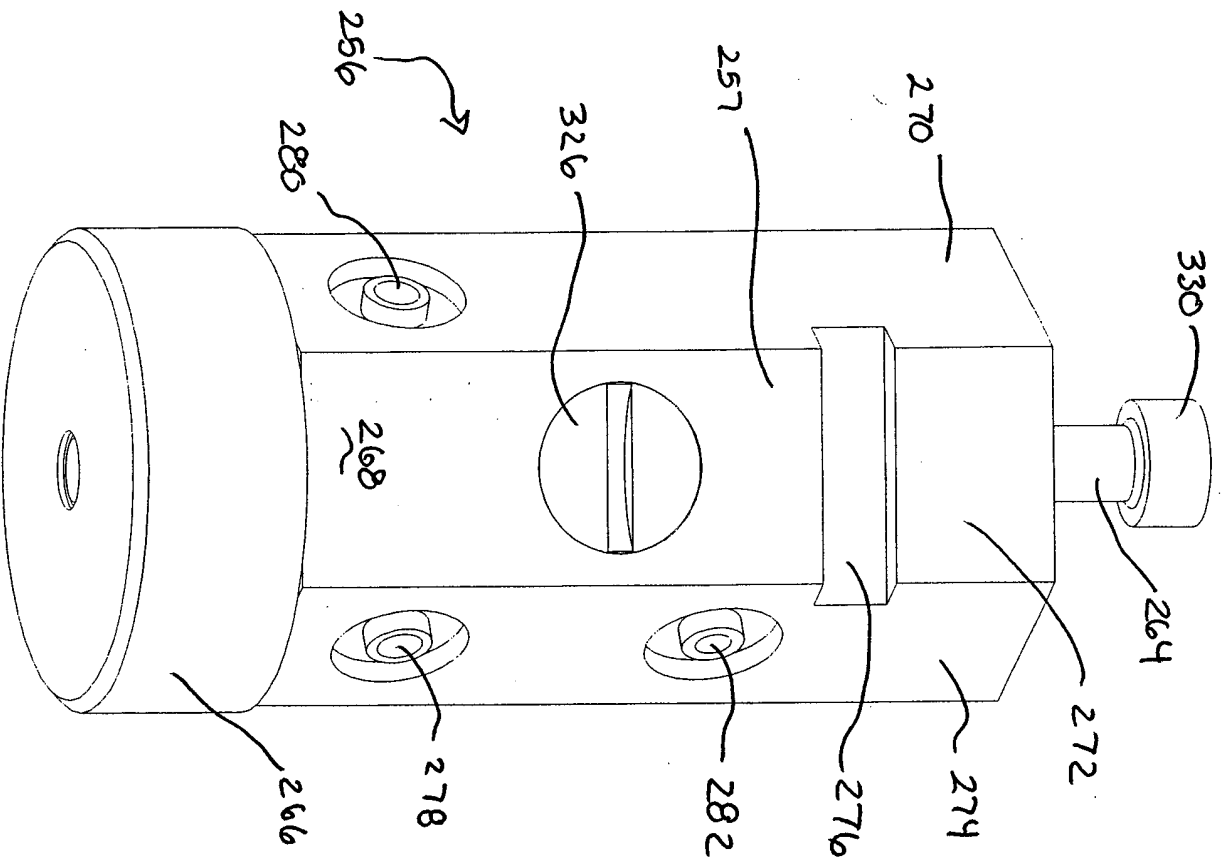


FIG. 25

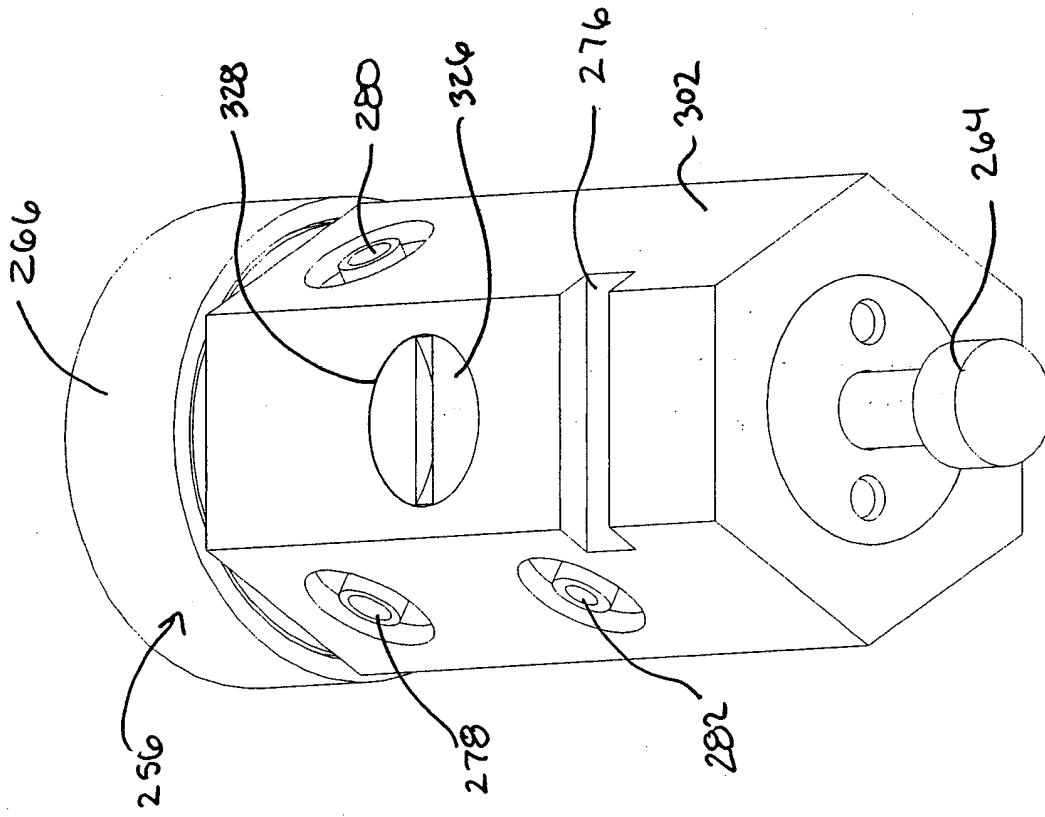
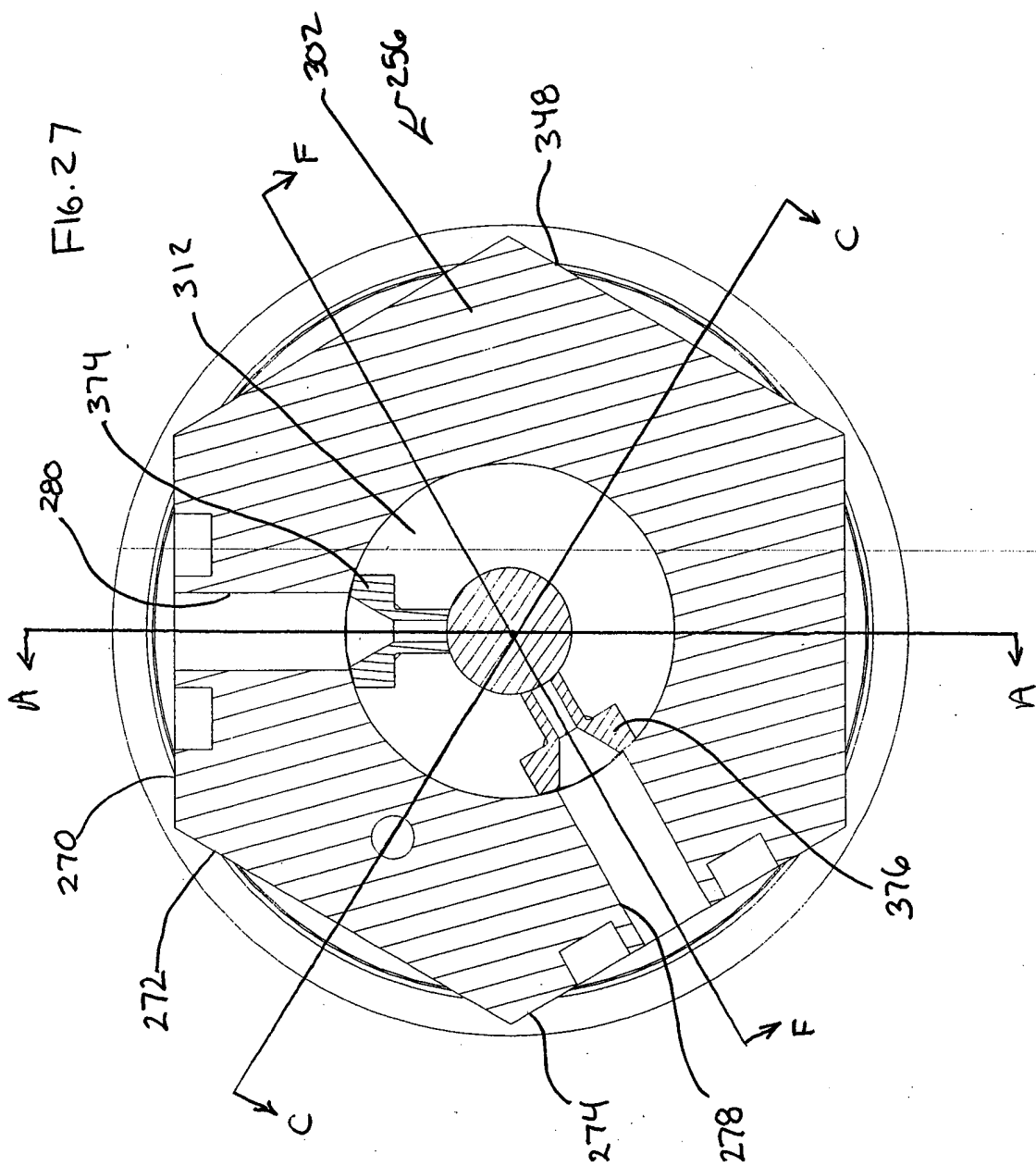


FIG. 26





SEE DETAIL 28A

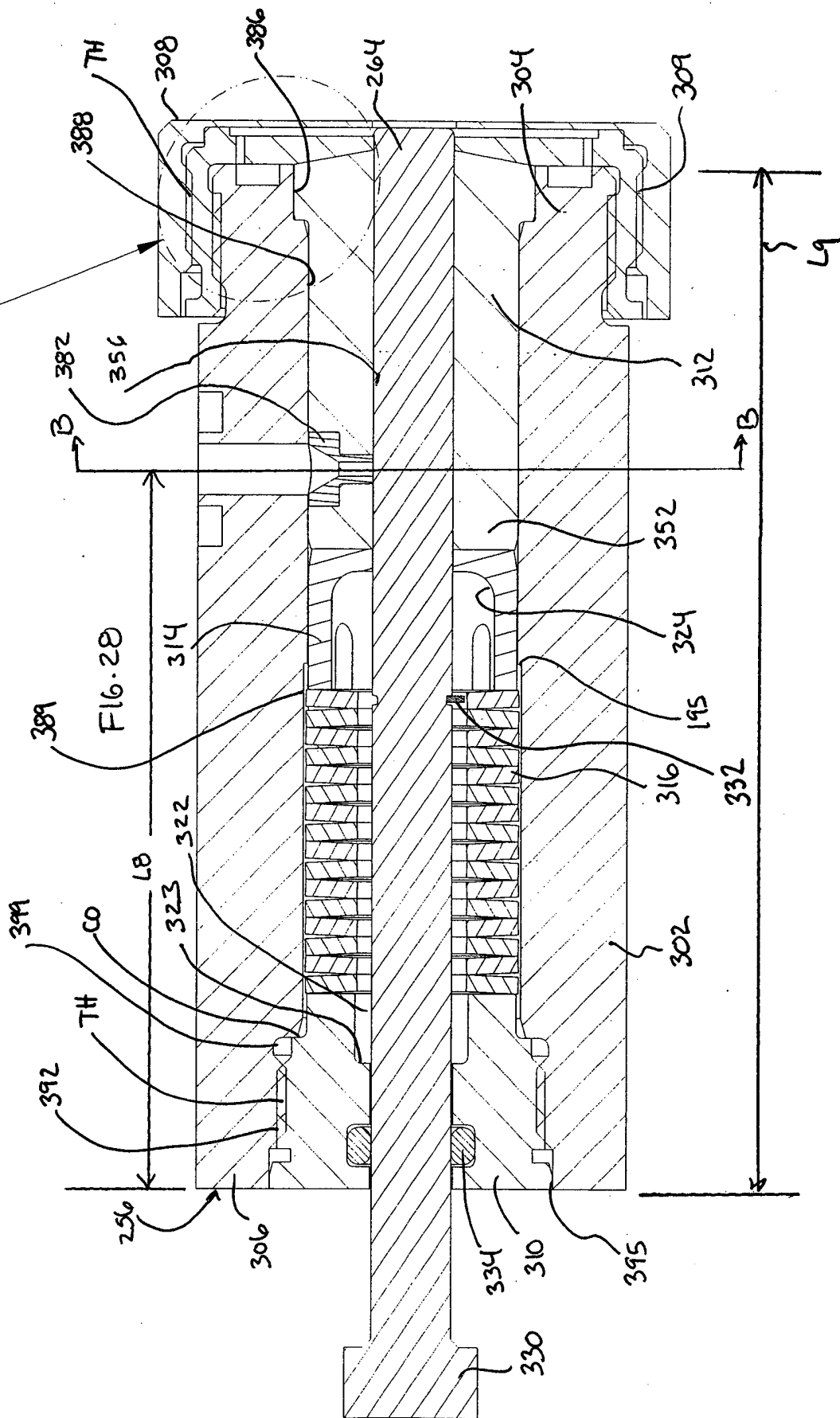
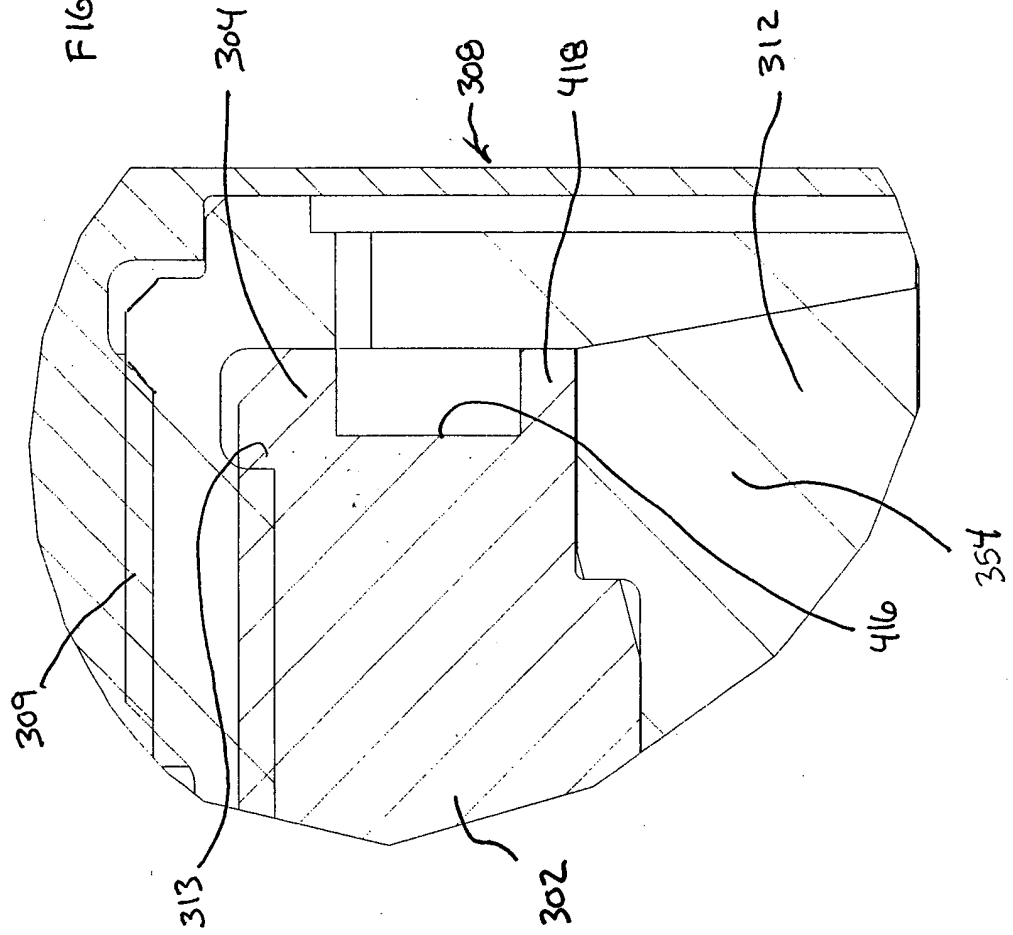


FIG. 28A



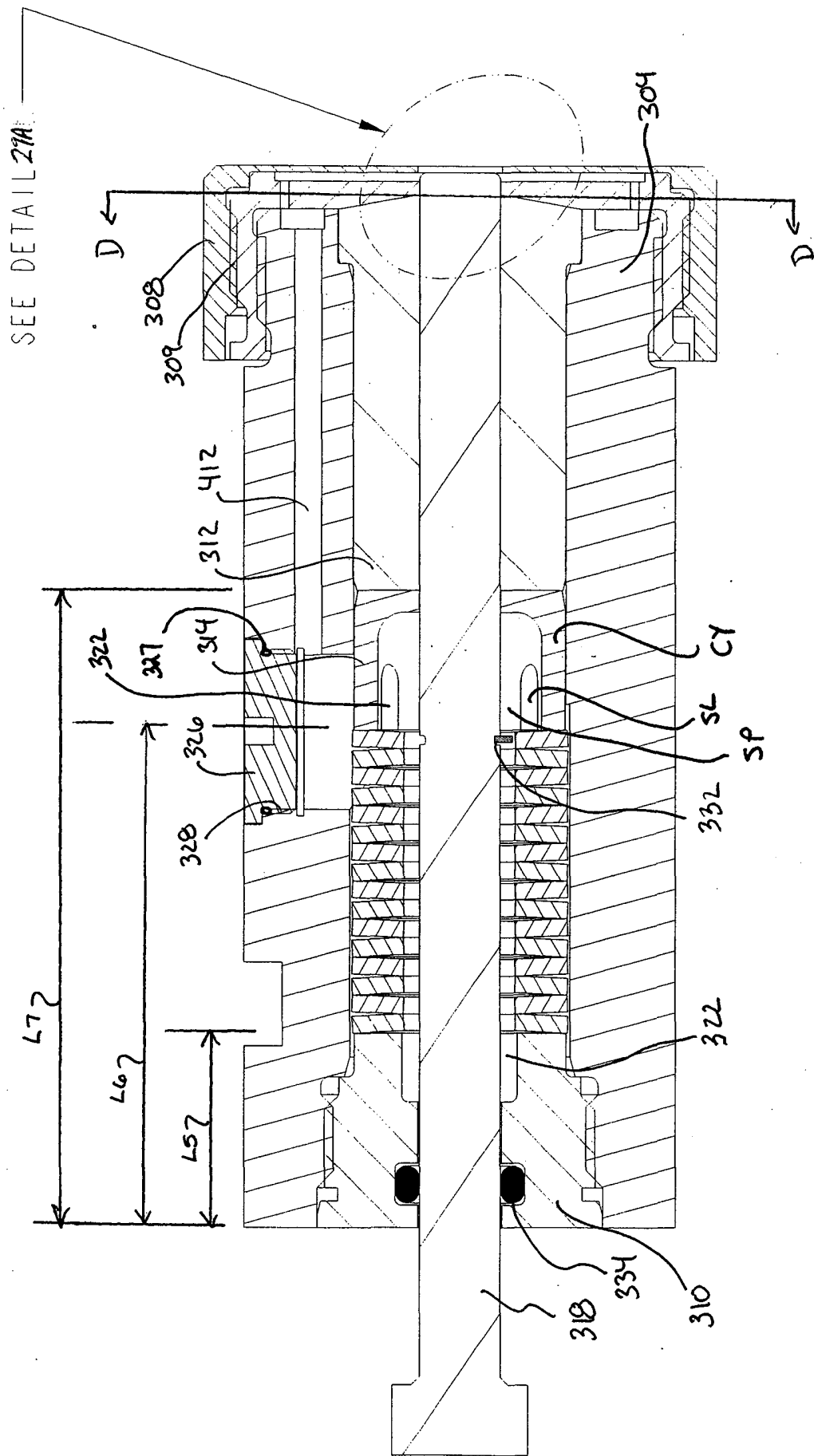


FIG. 29

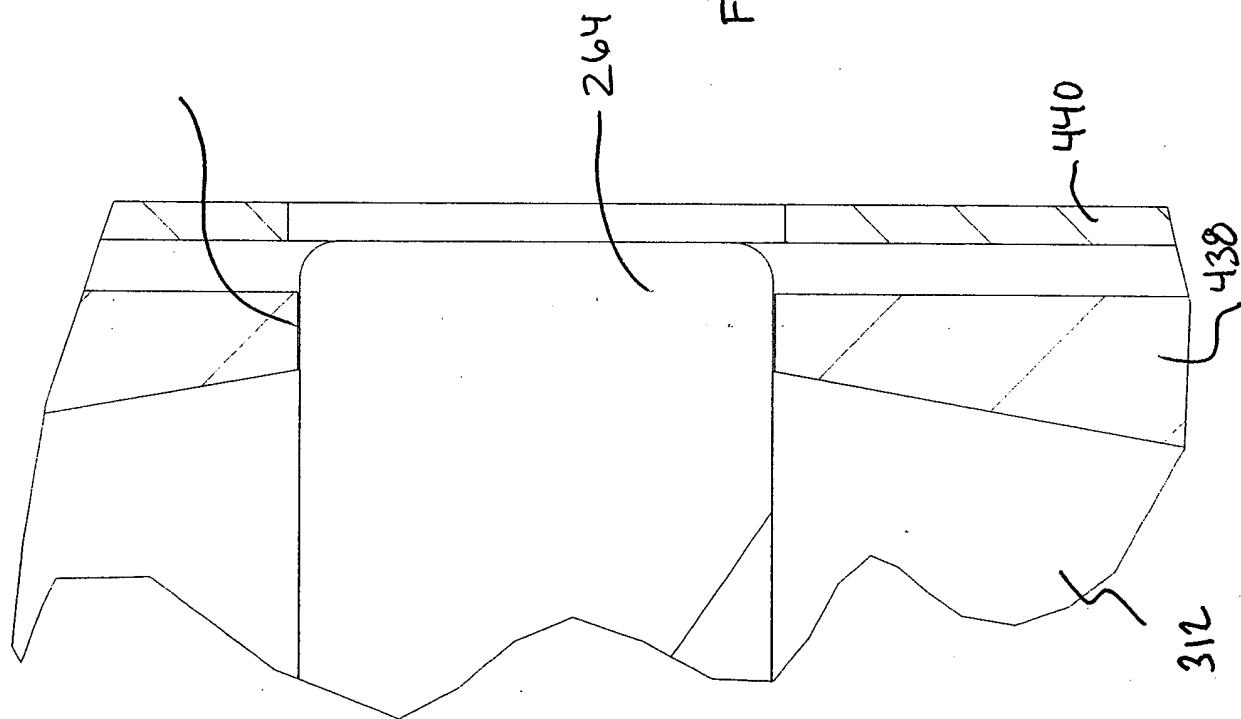
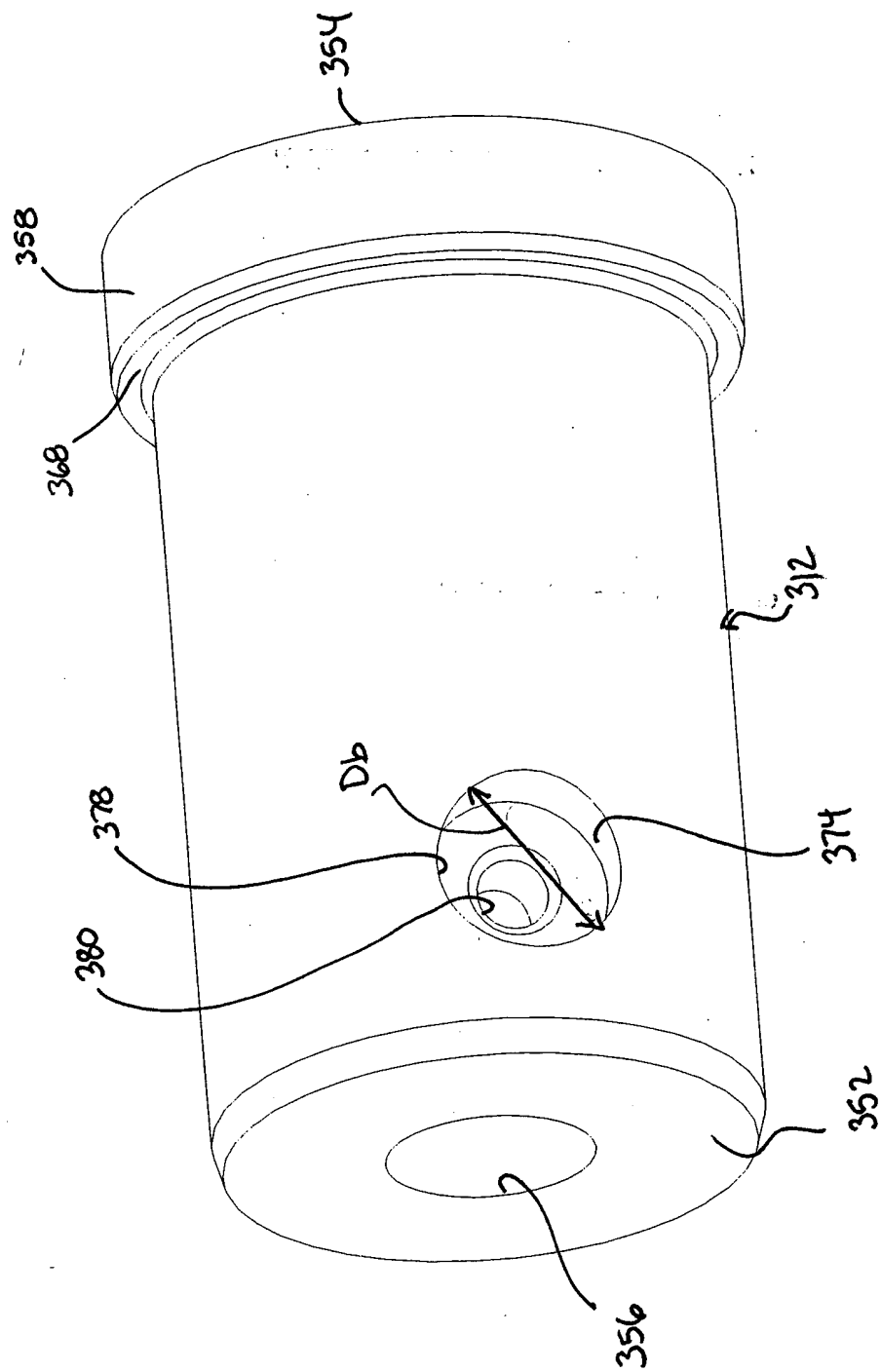


FIG. 29A

FIG. 29B



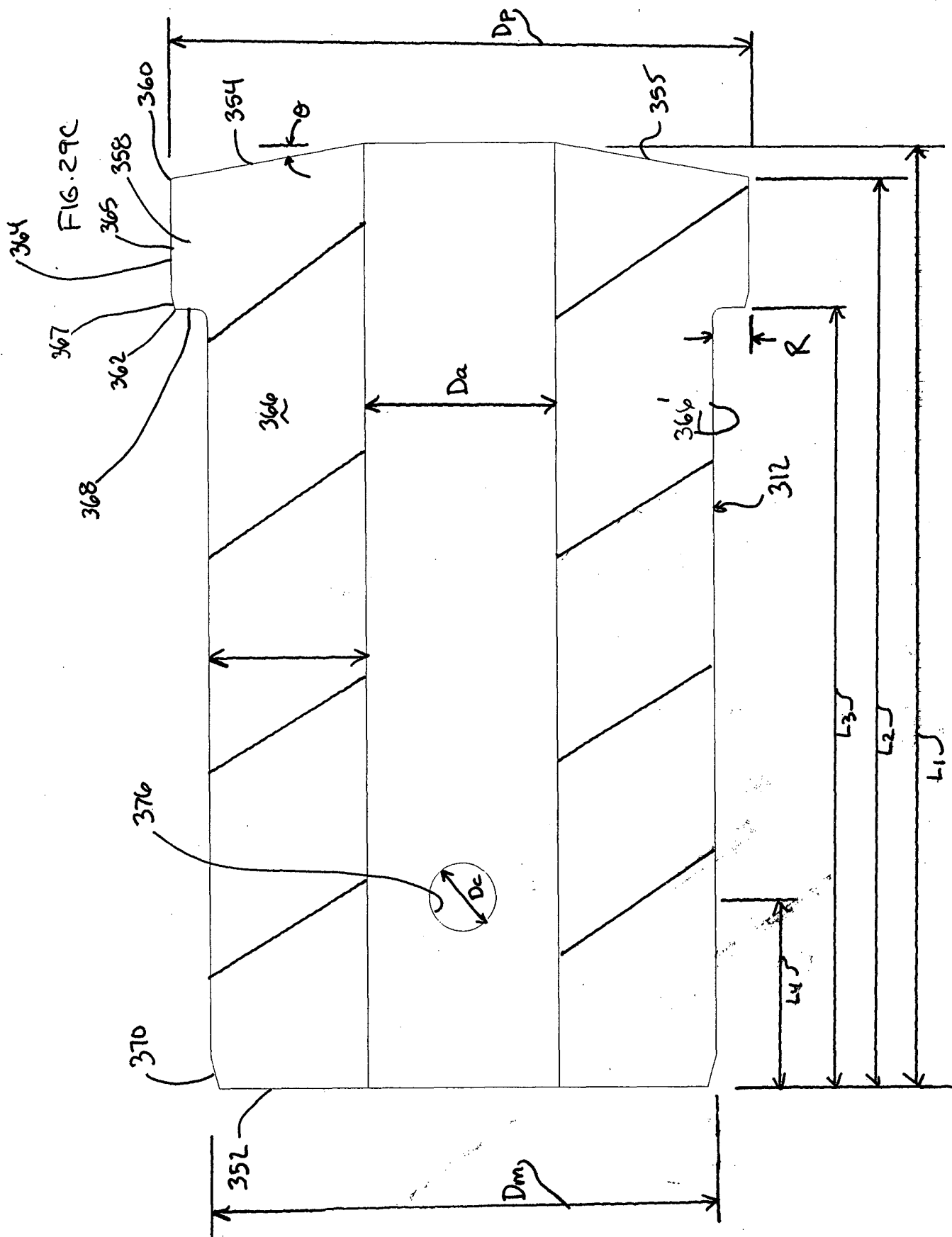


FIG. 30

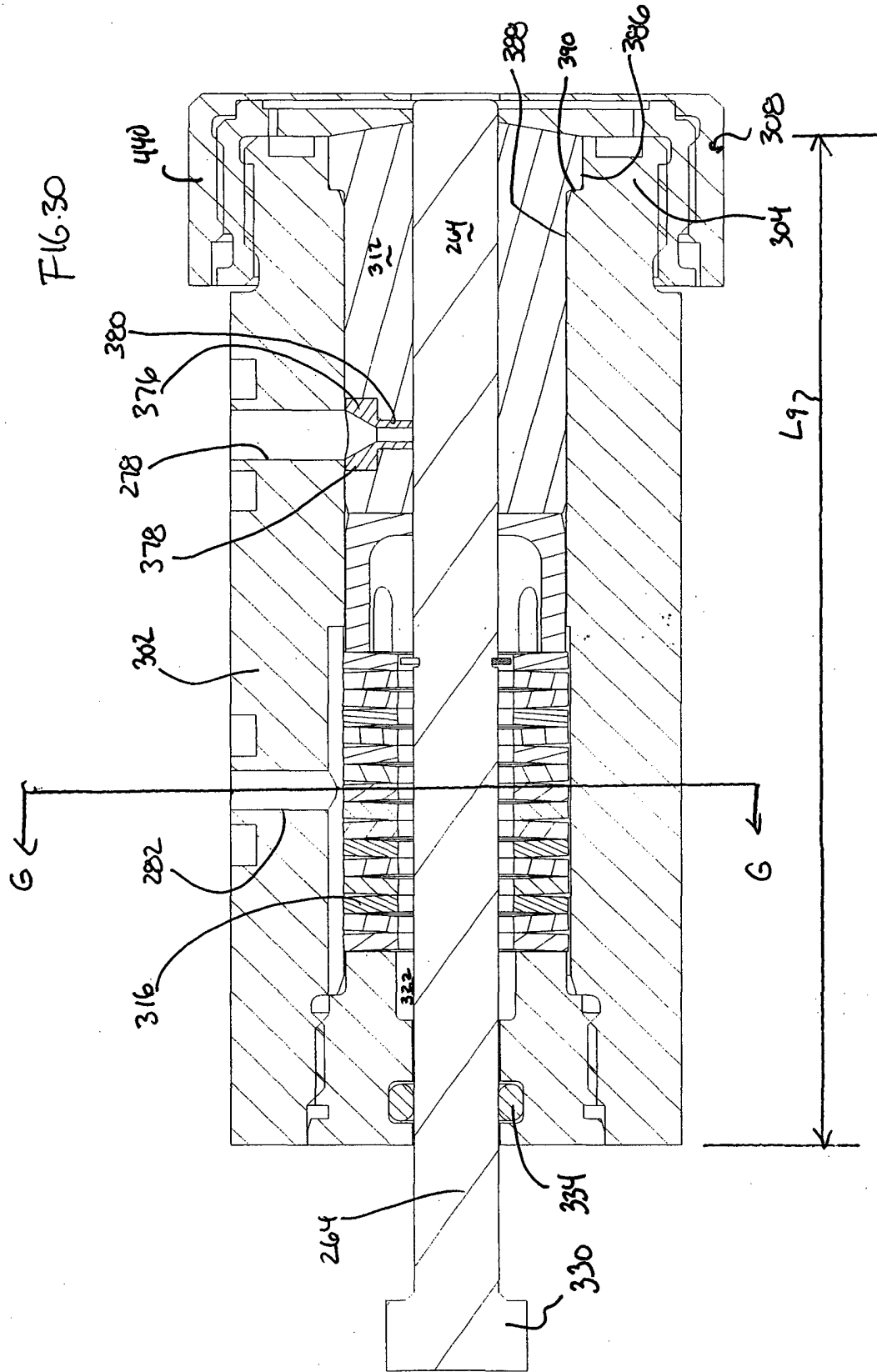
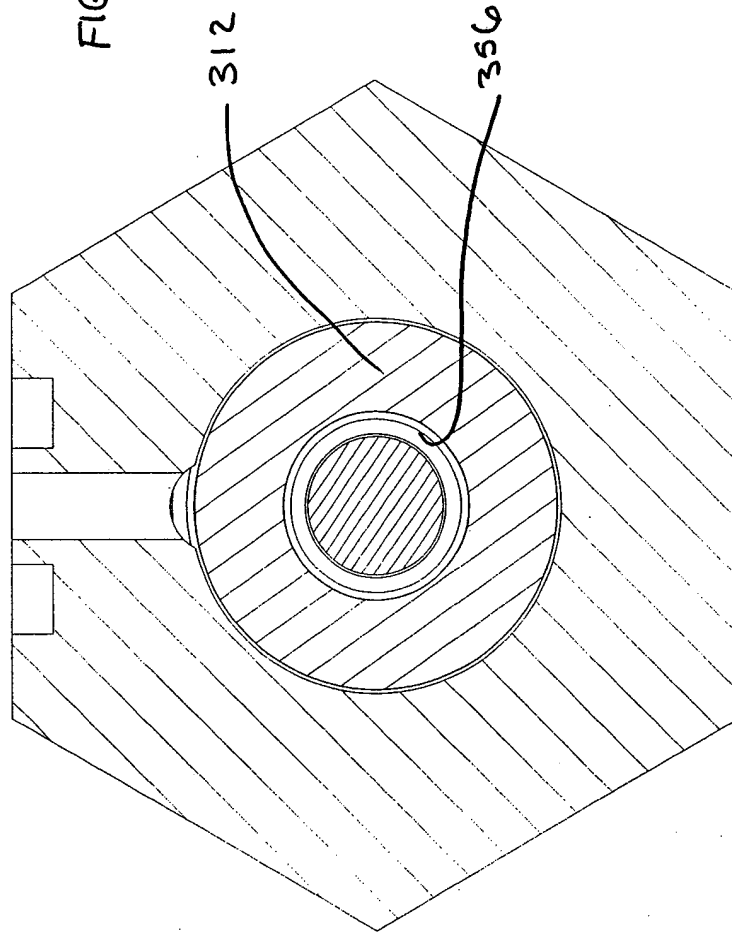




FIG. 31



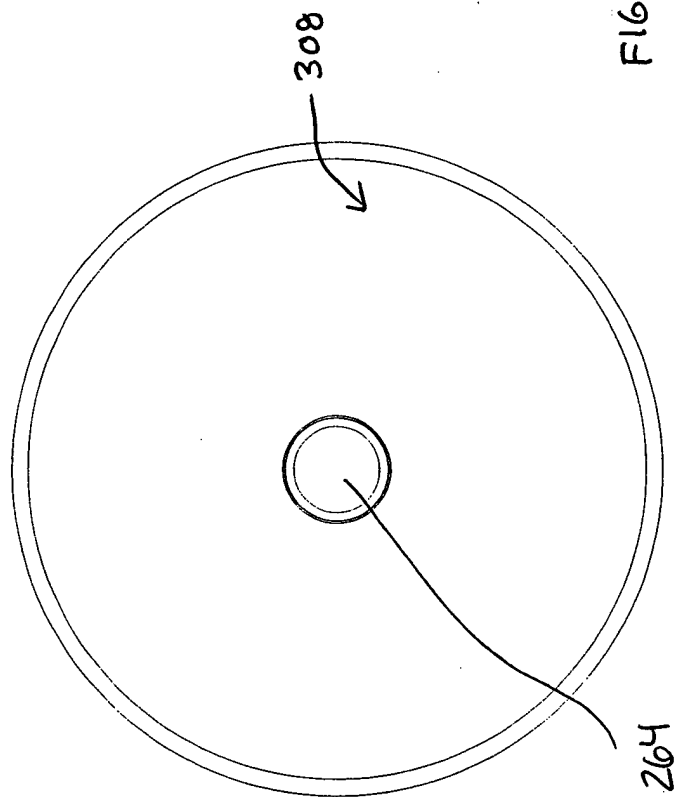


FIG. 32

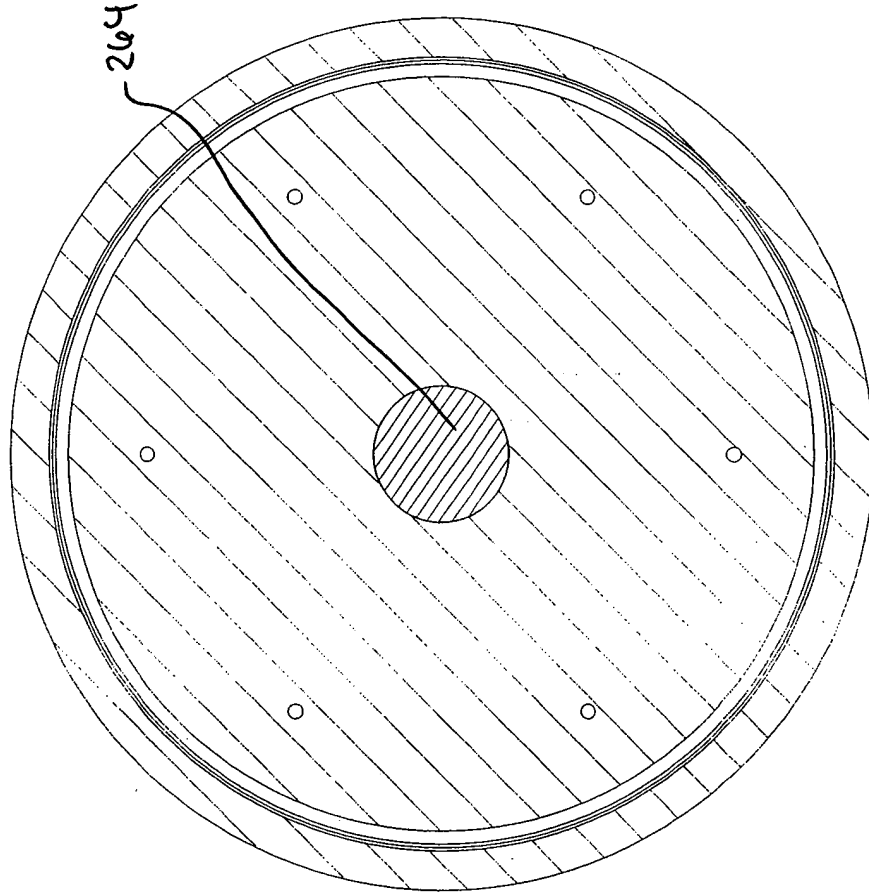
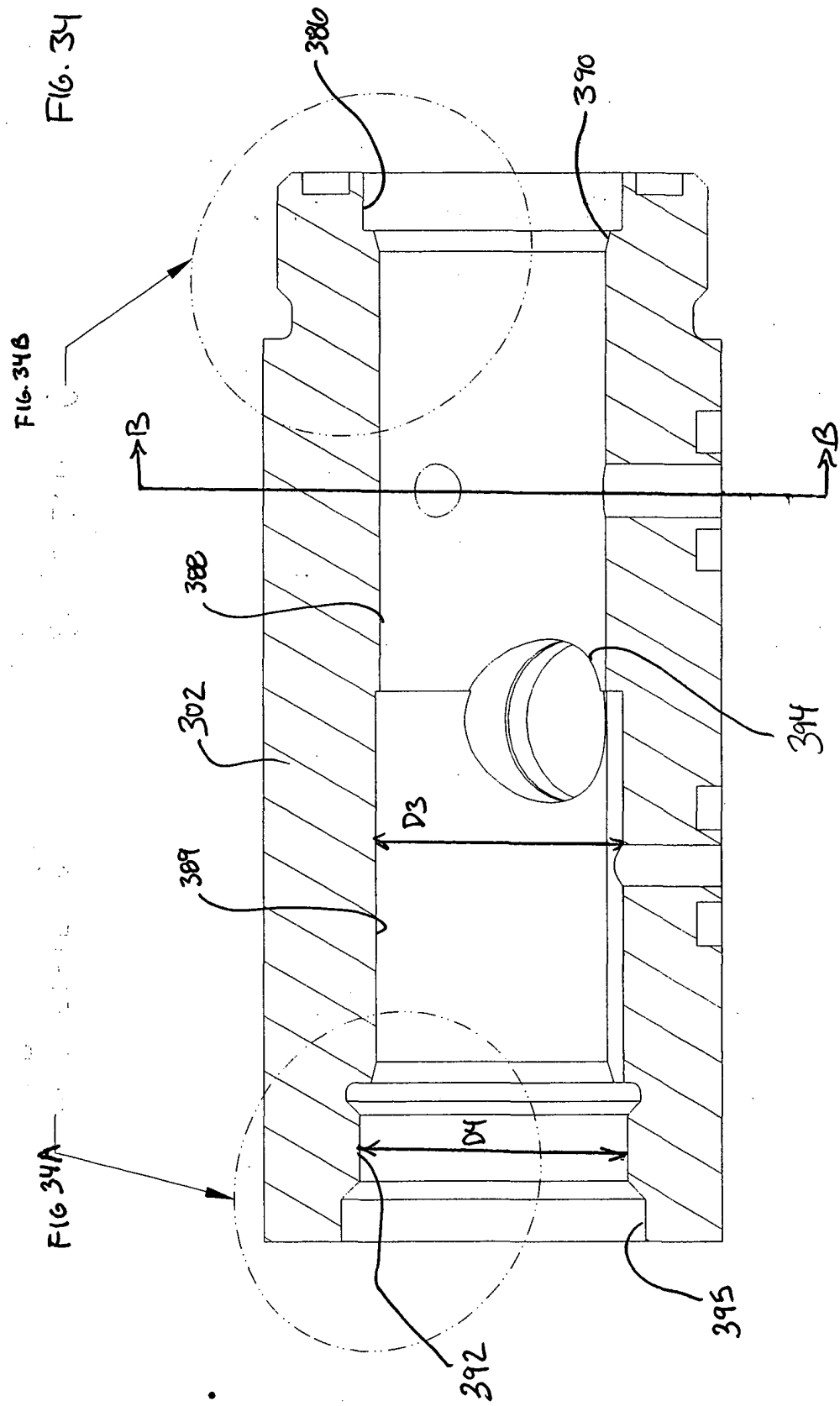


FIG. 33



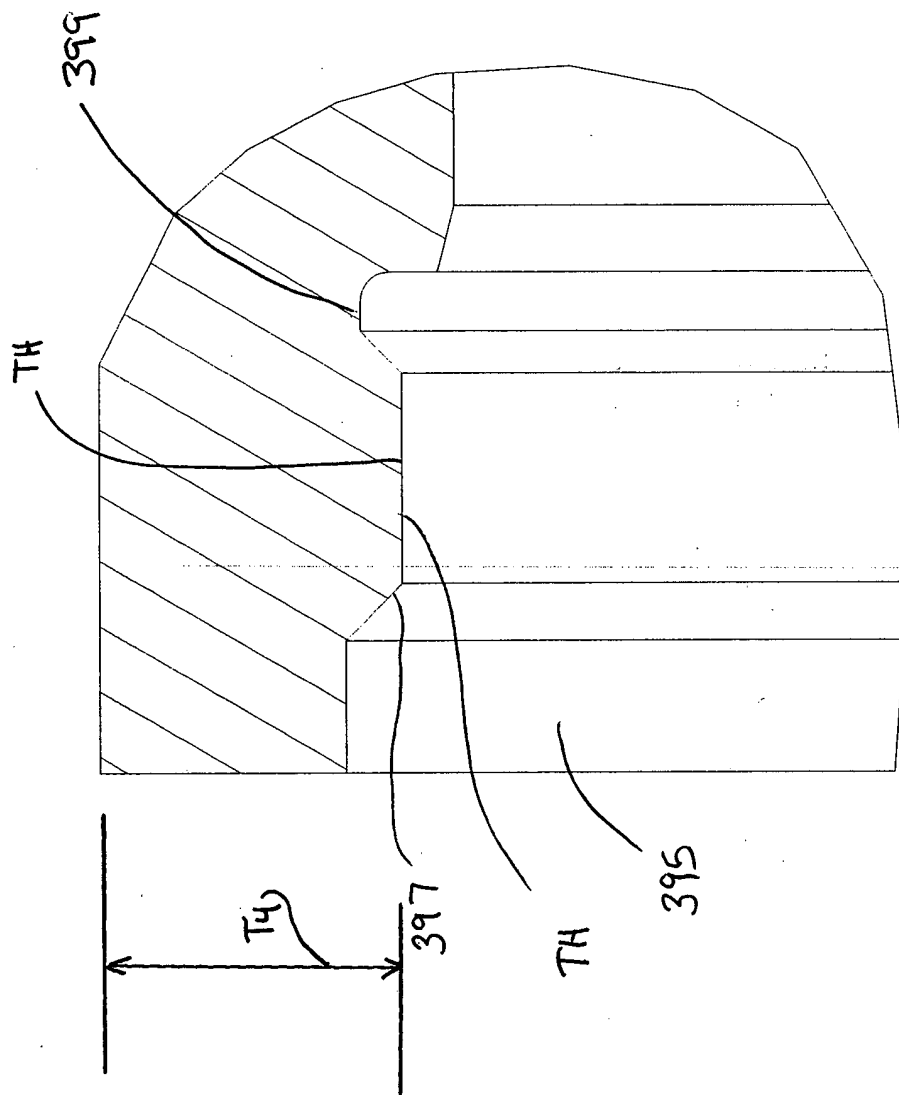


FIG. 34A

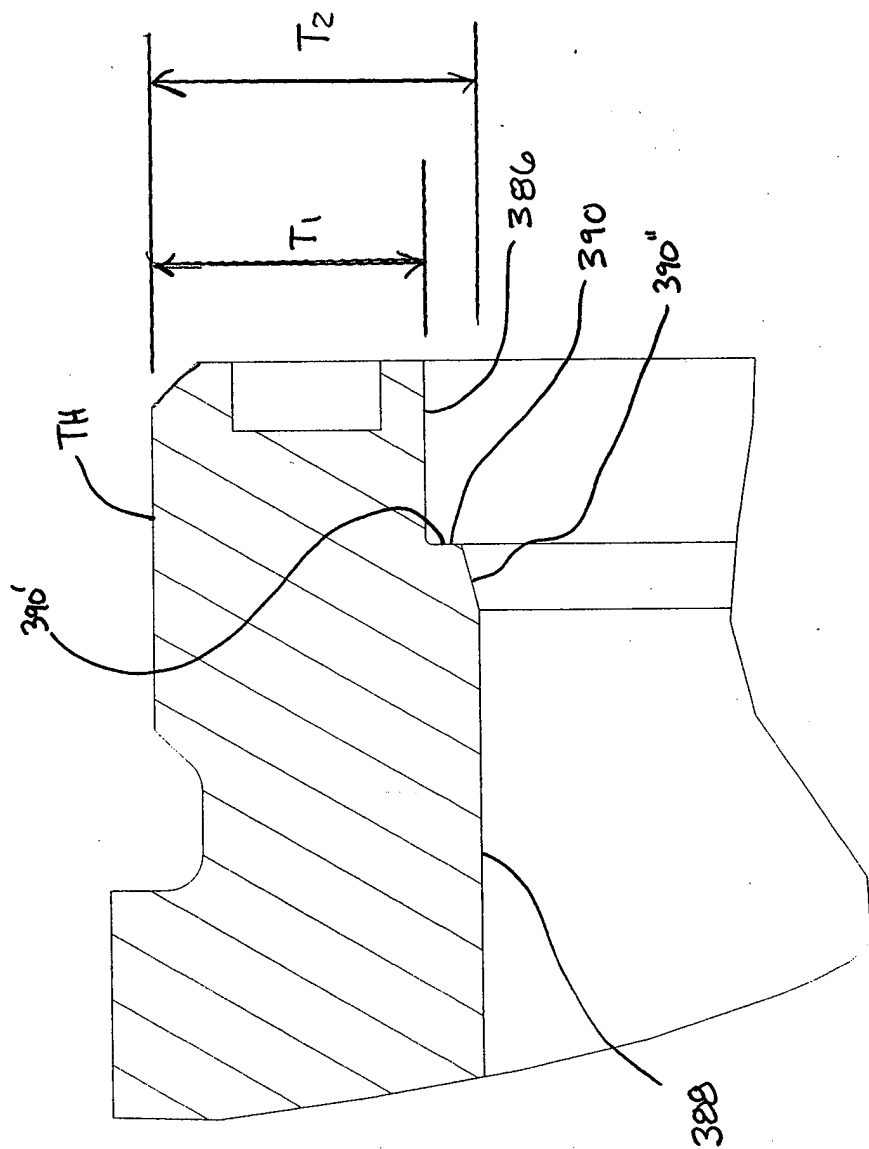


FIG. 34B

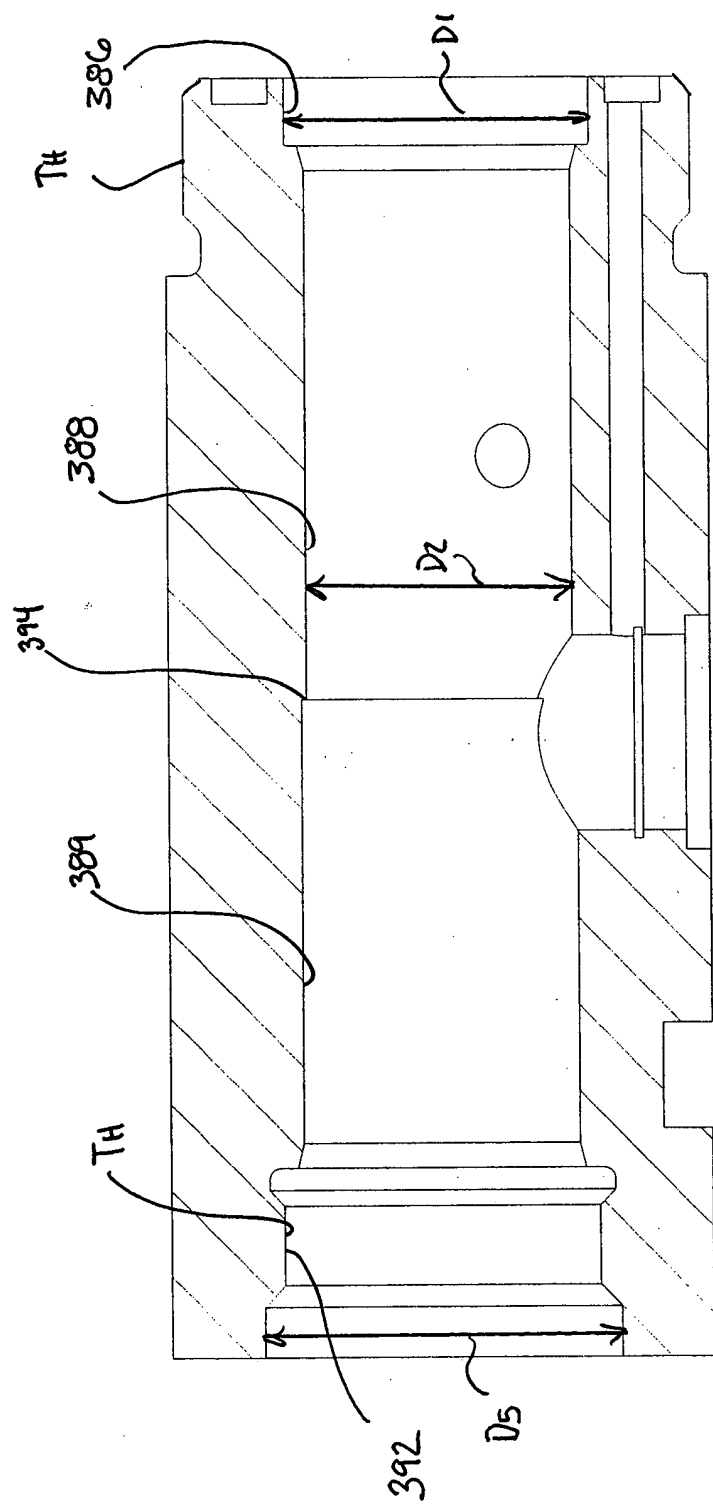


FIG. 35

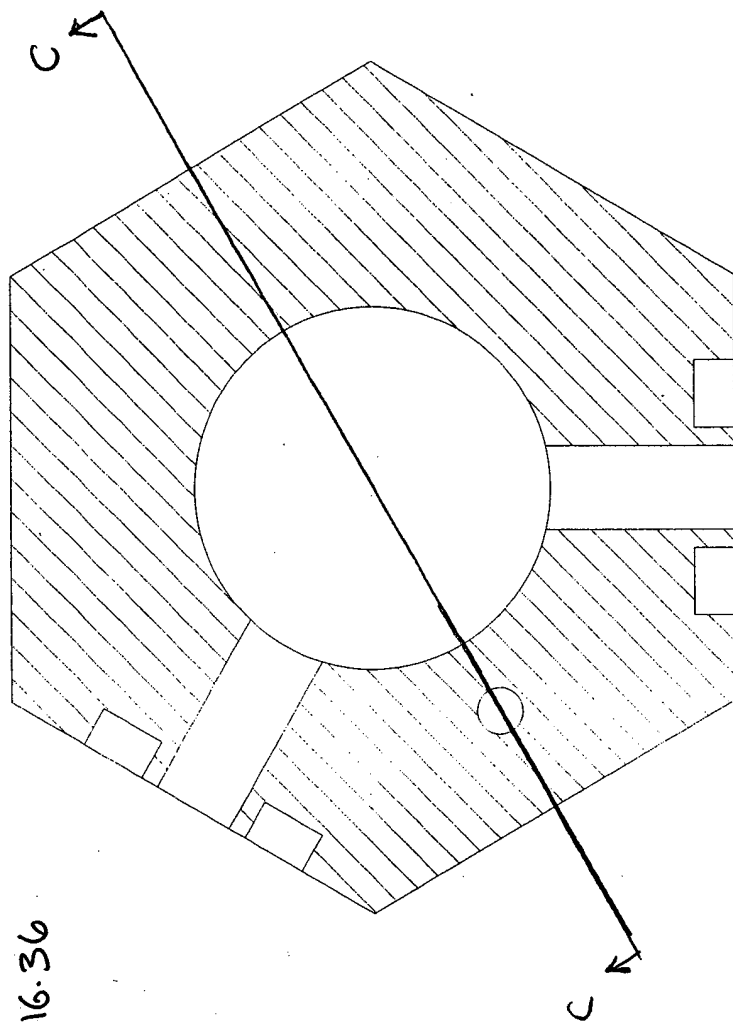


FIG-36



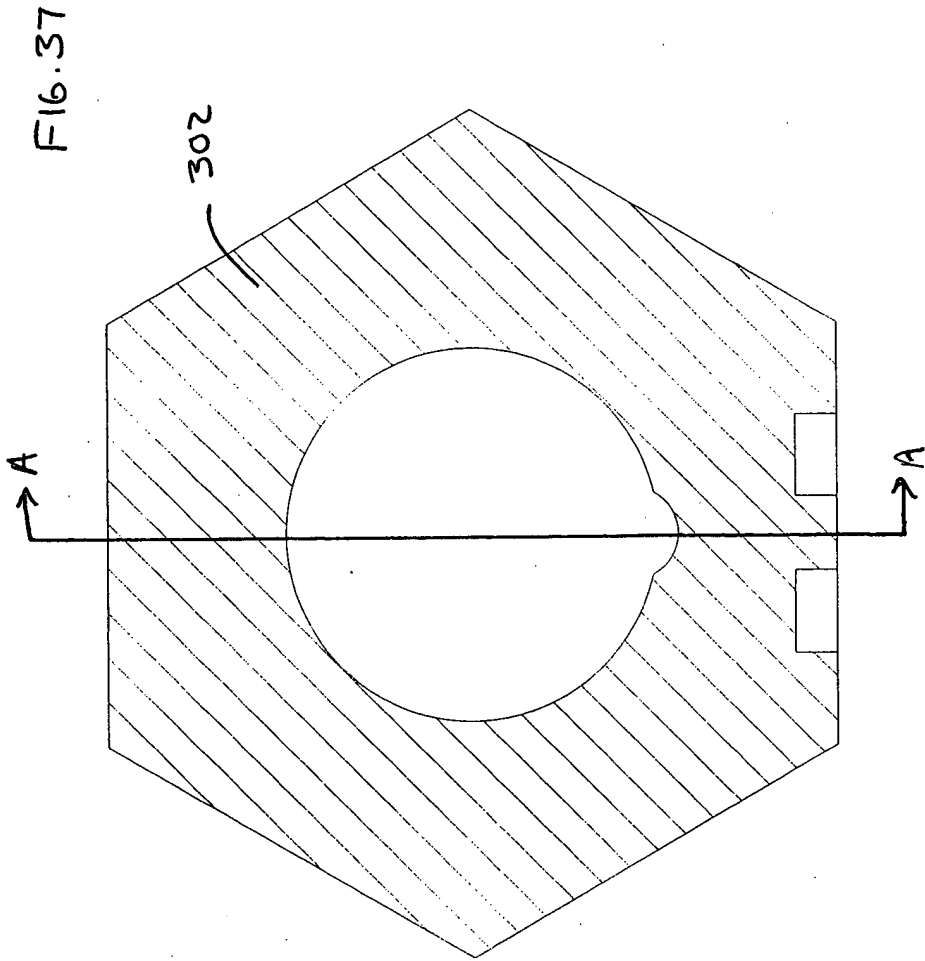
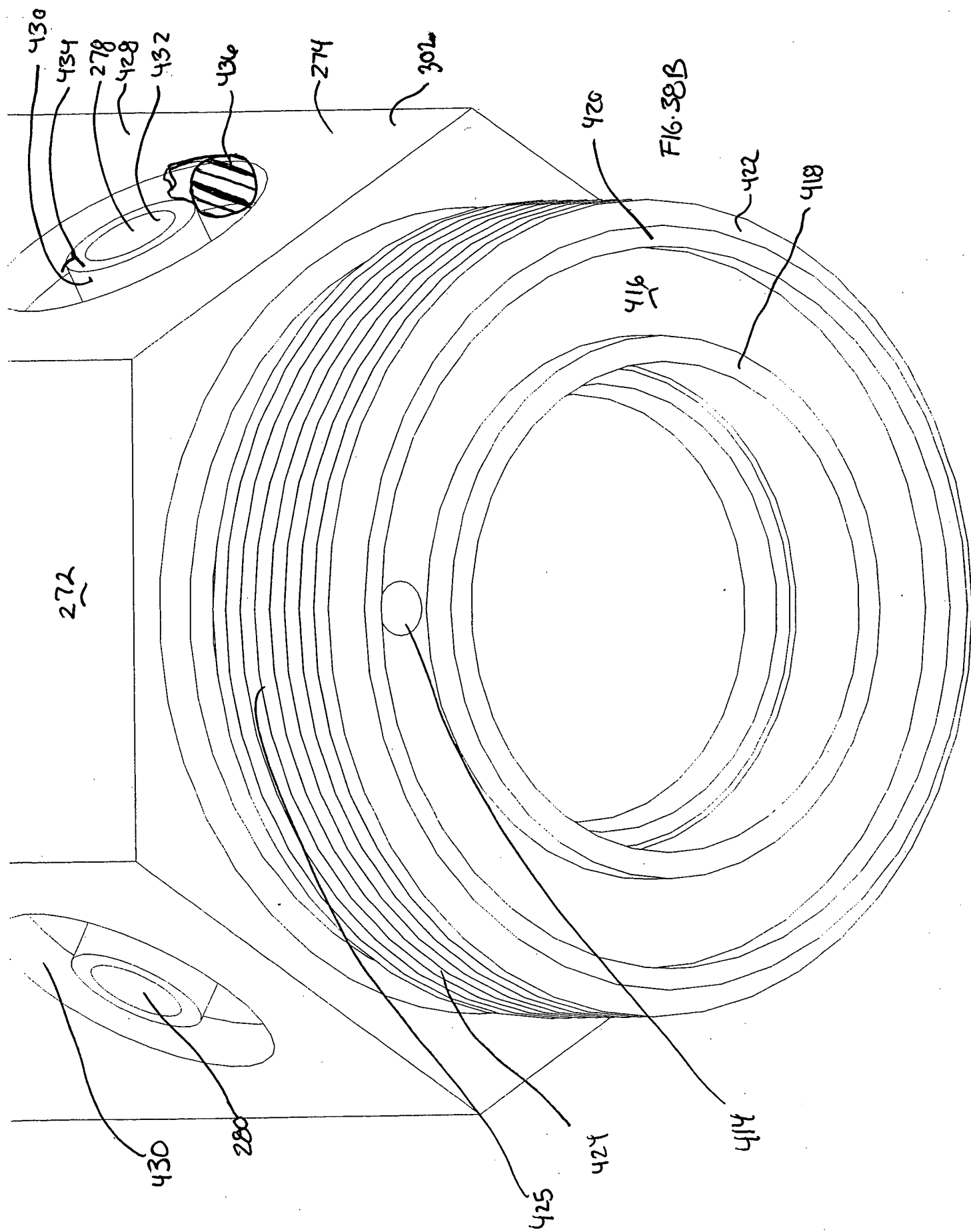
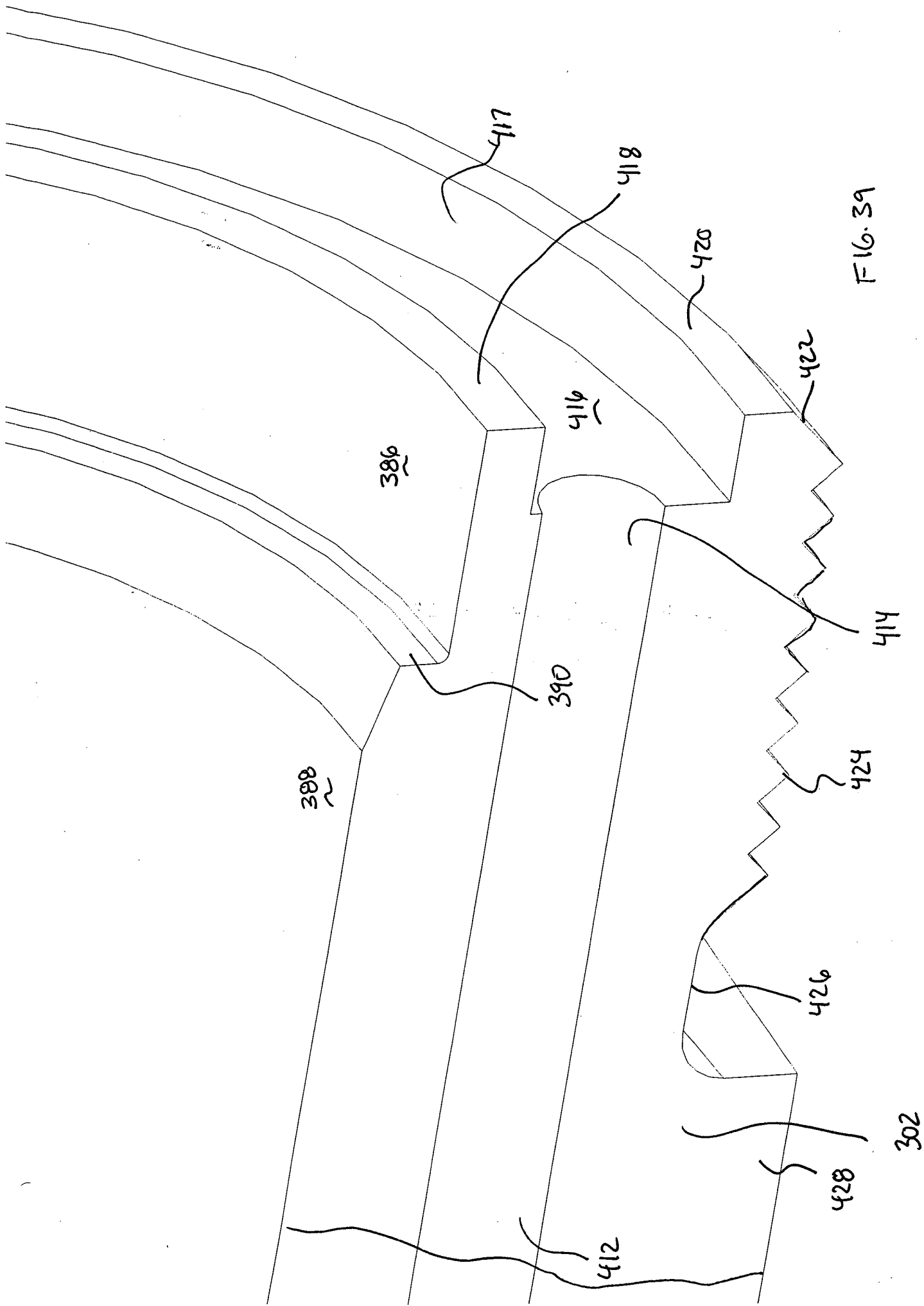




FIG. 39A





F16.39

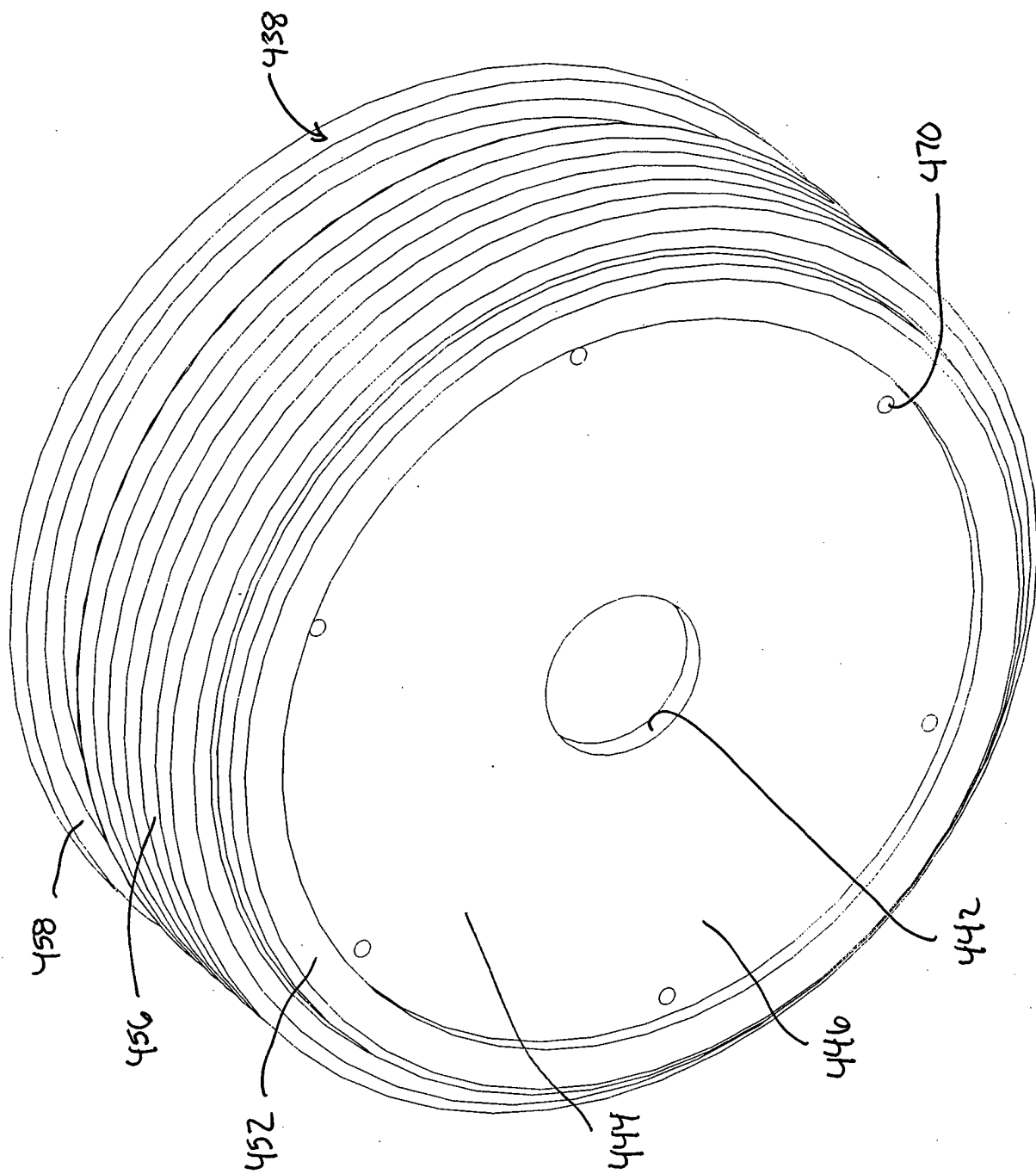
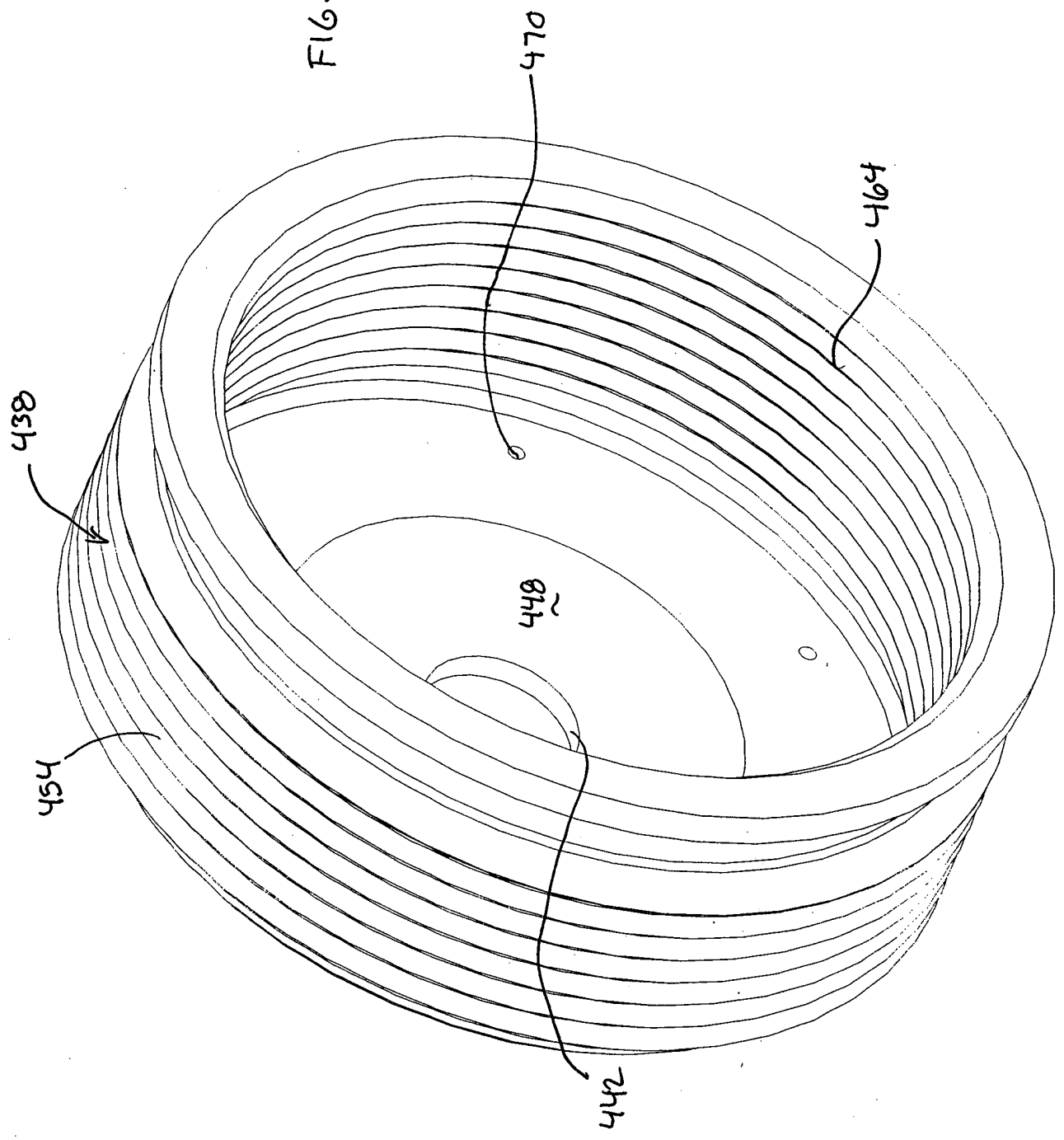
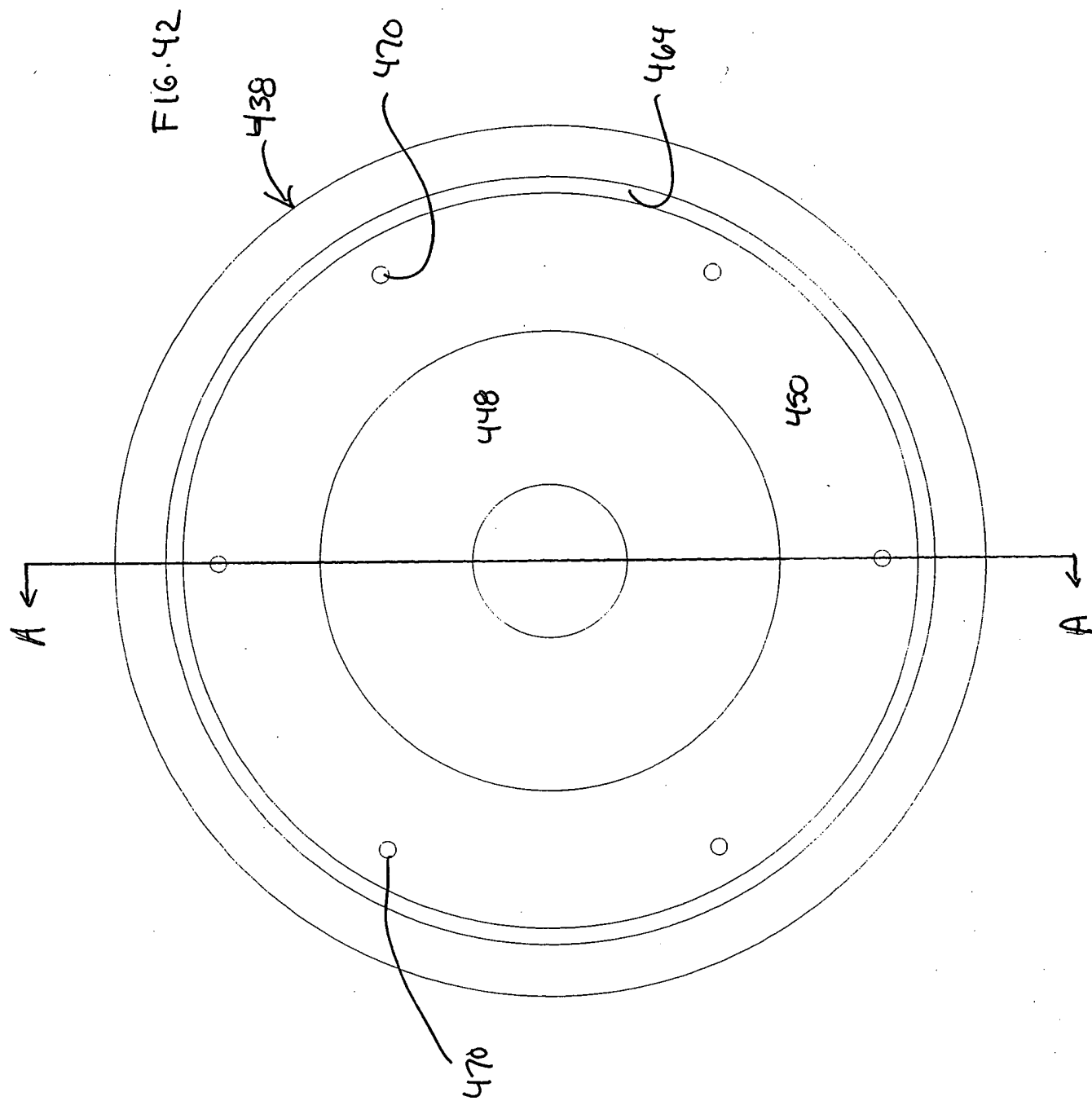


FIG. 40

FIG. 41





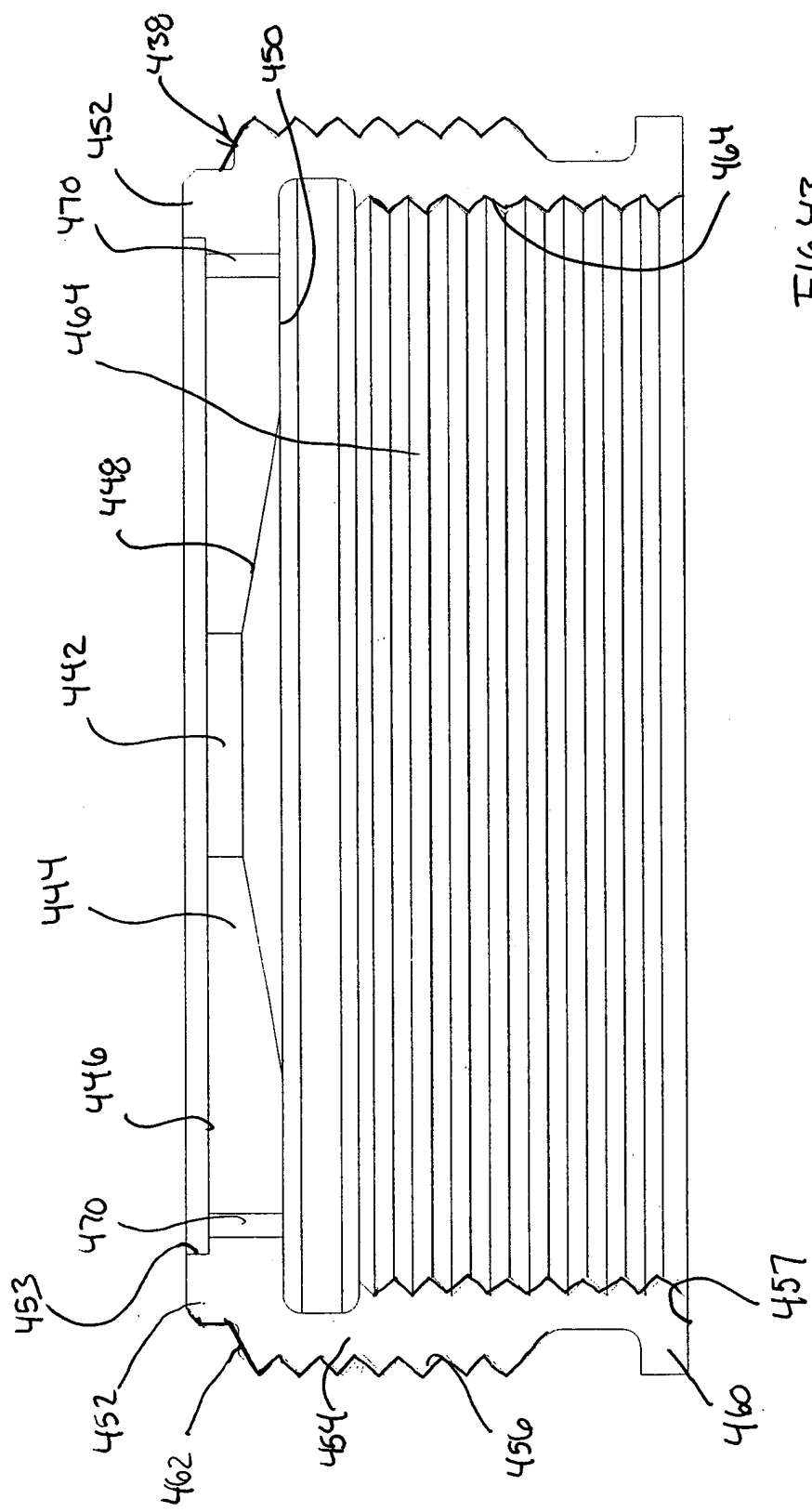


FIG. 43



FIG. 44

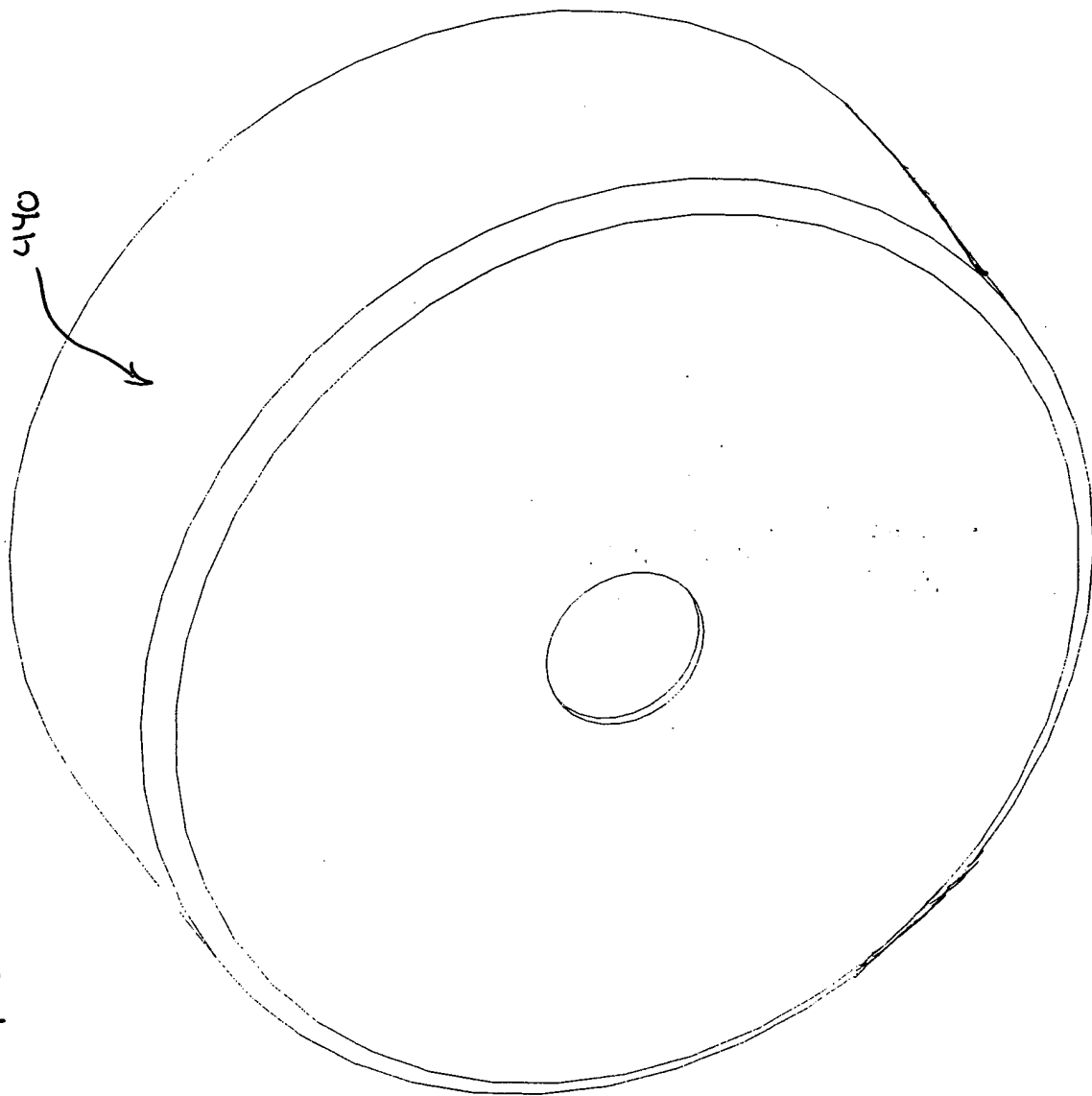


FIG. 45

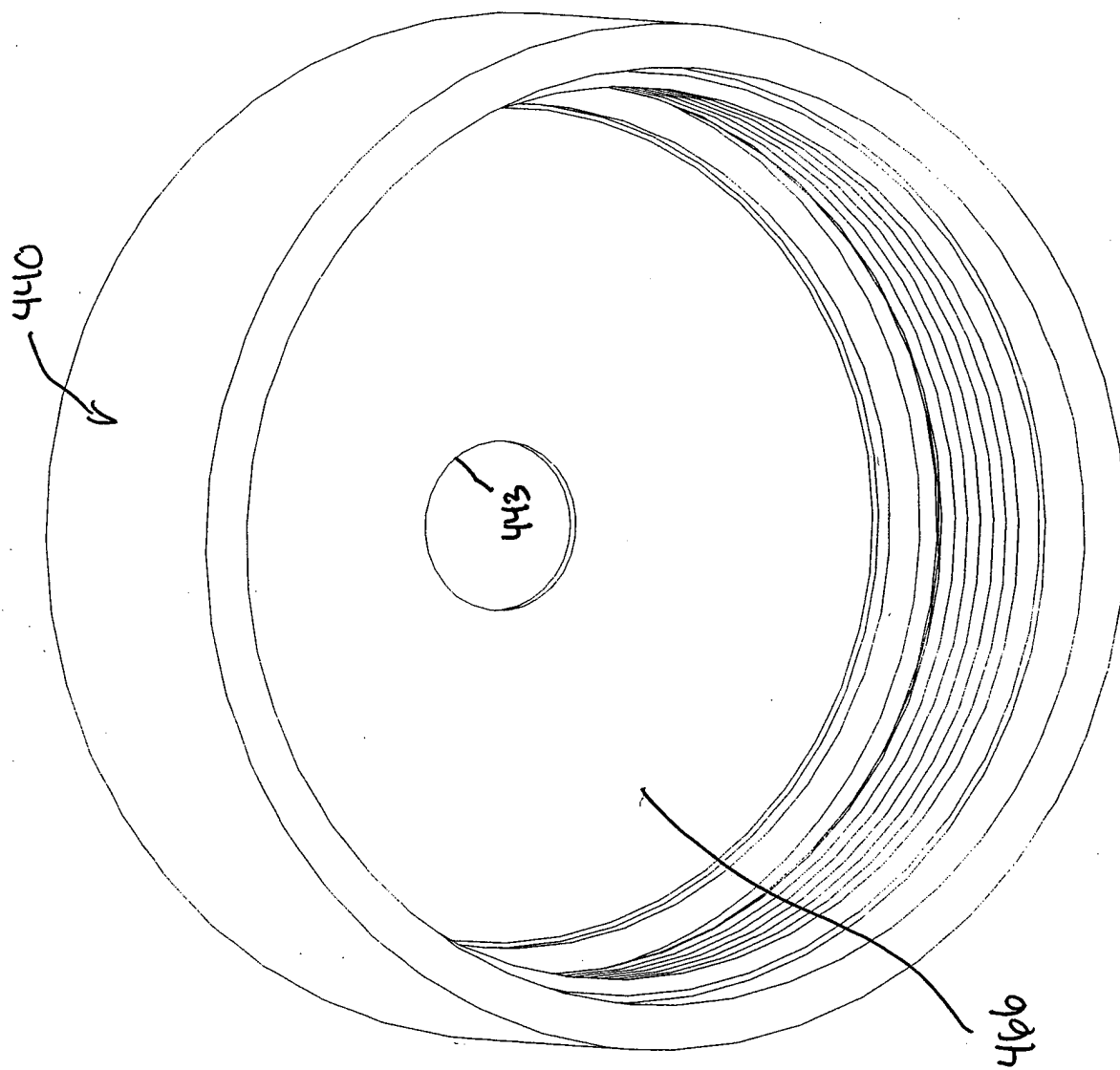
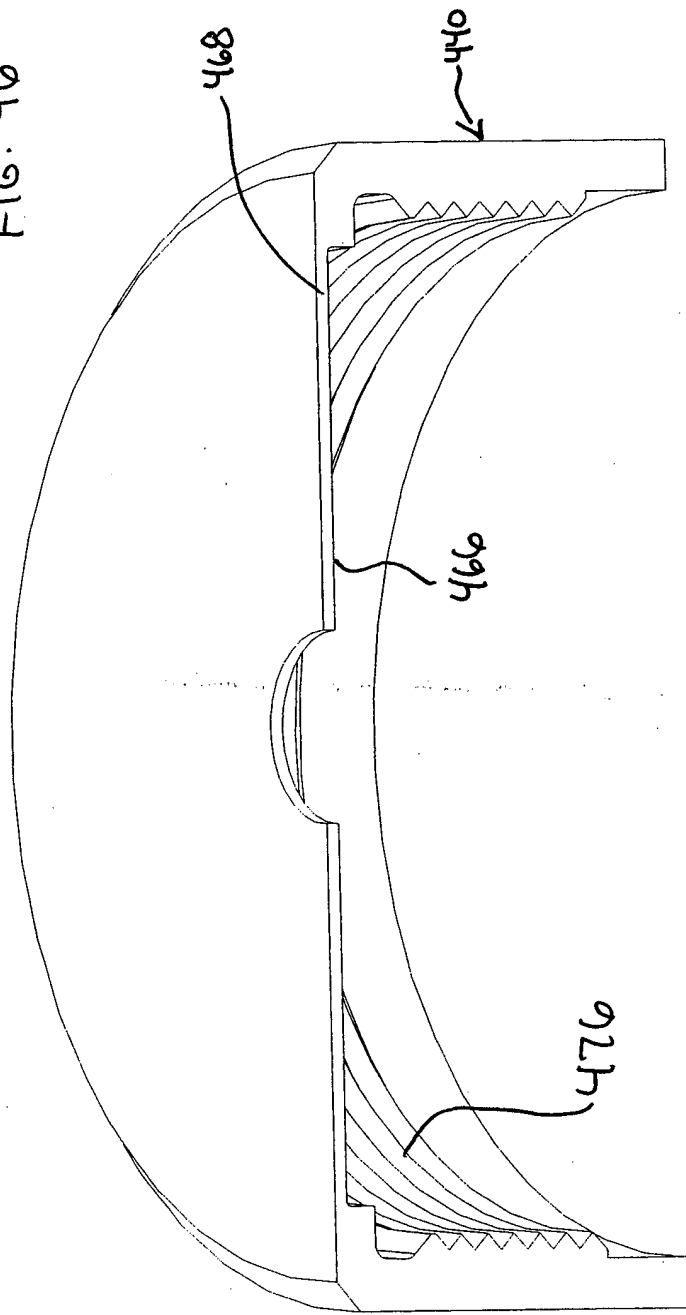


FIG. 46



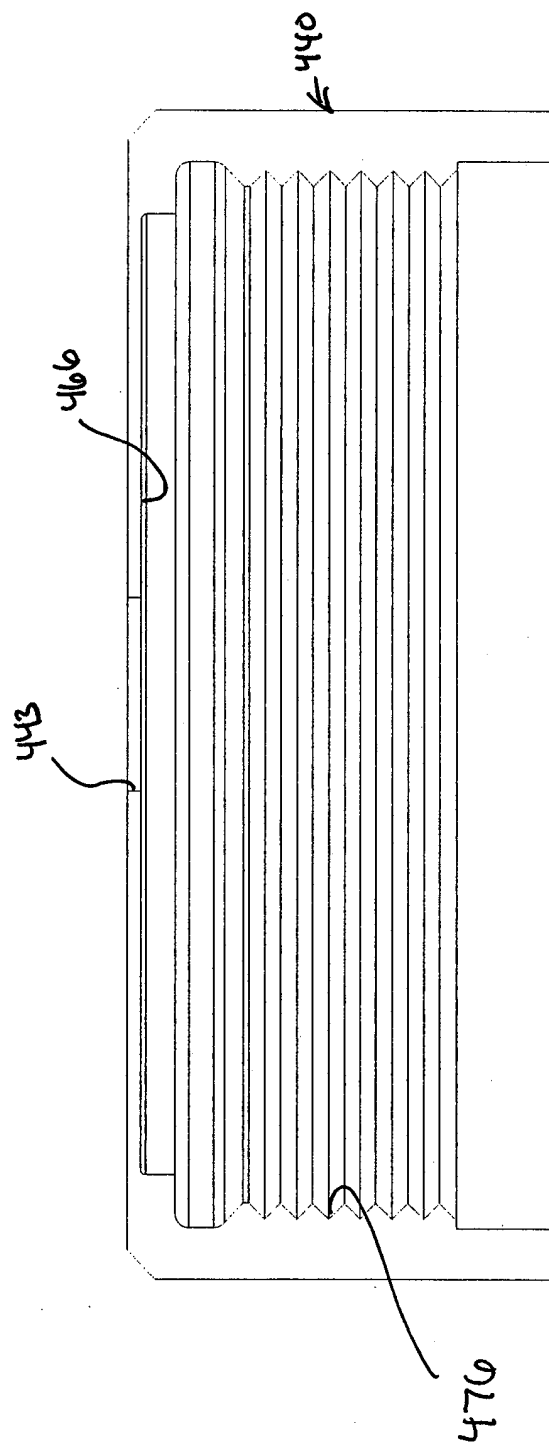
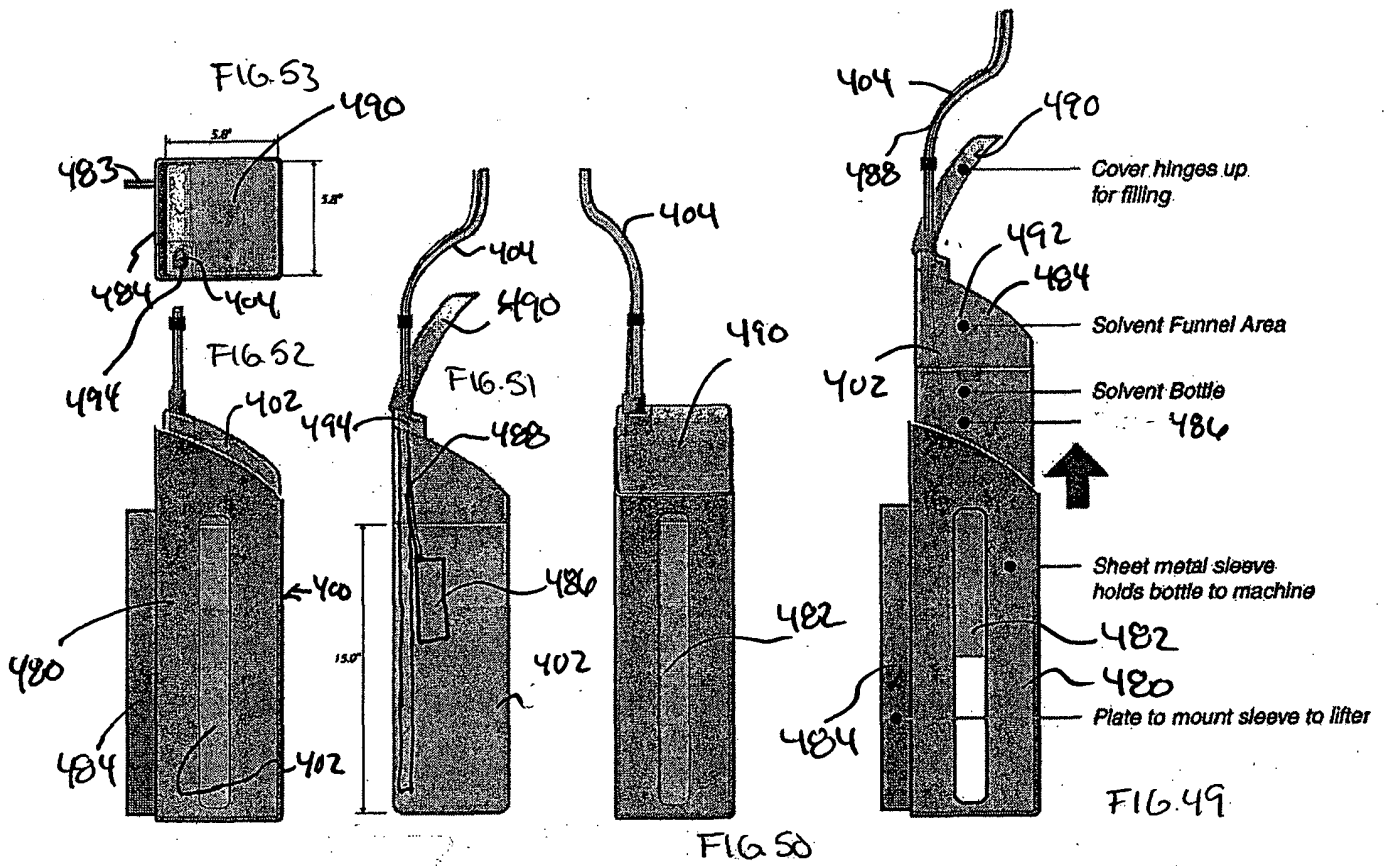


FIG. 47





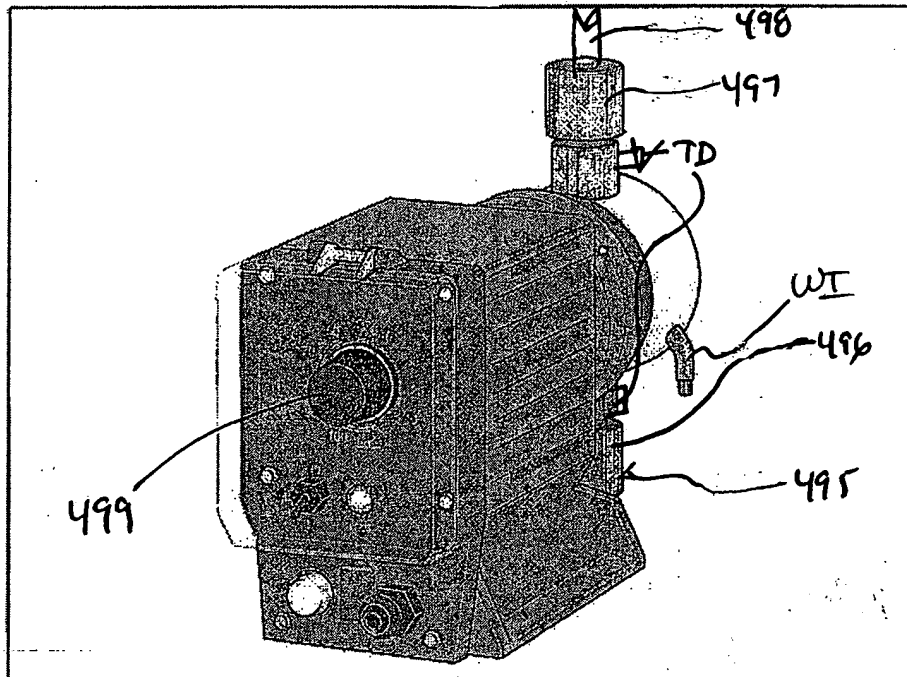
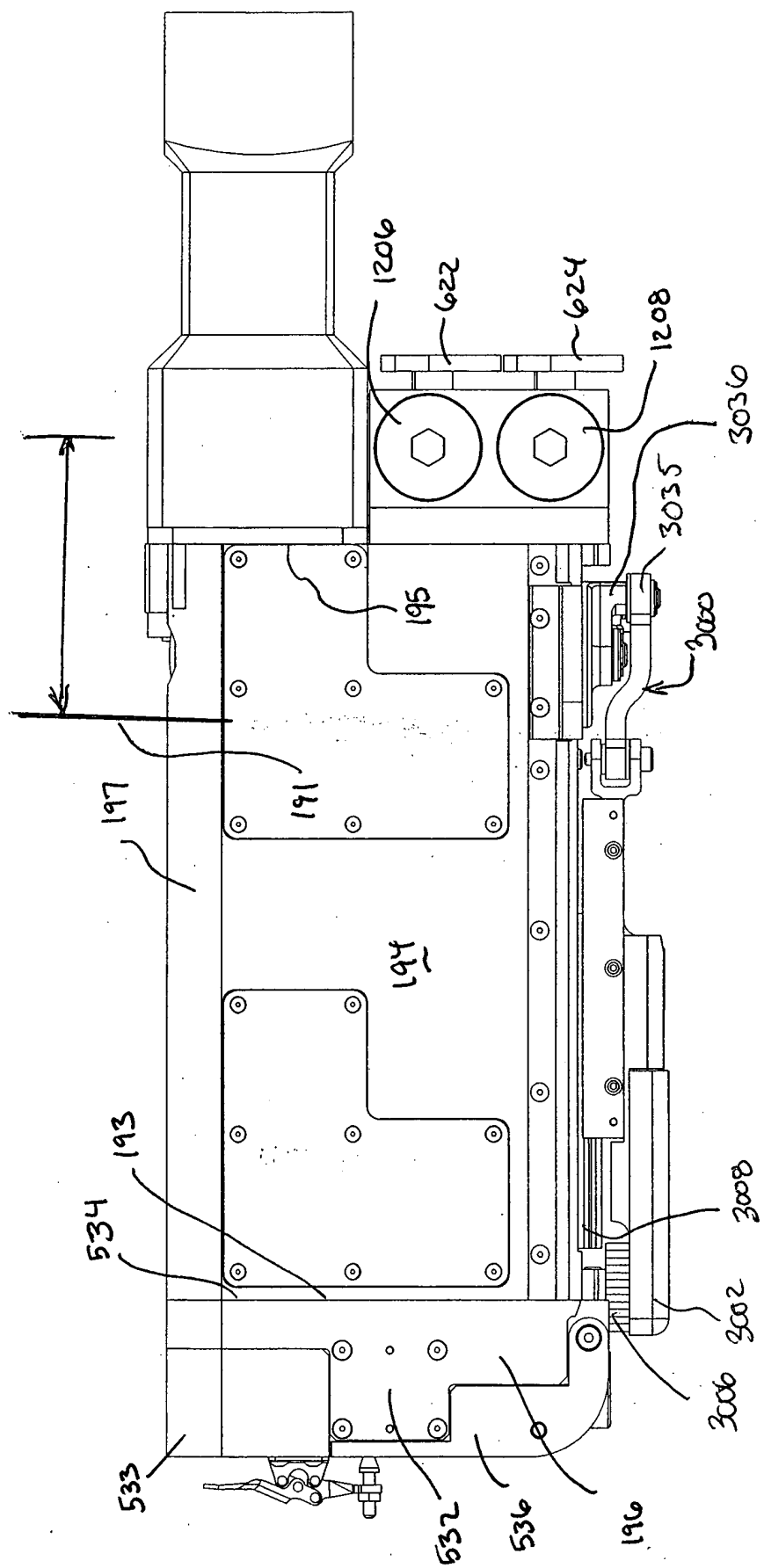


FIG. 54



55.55



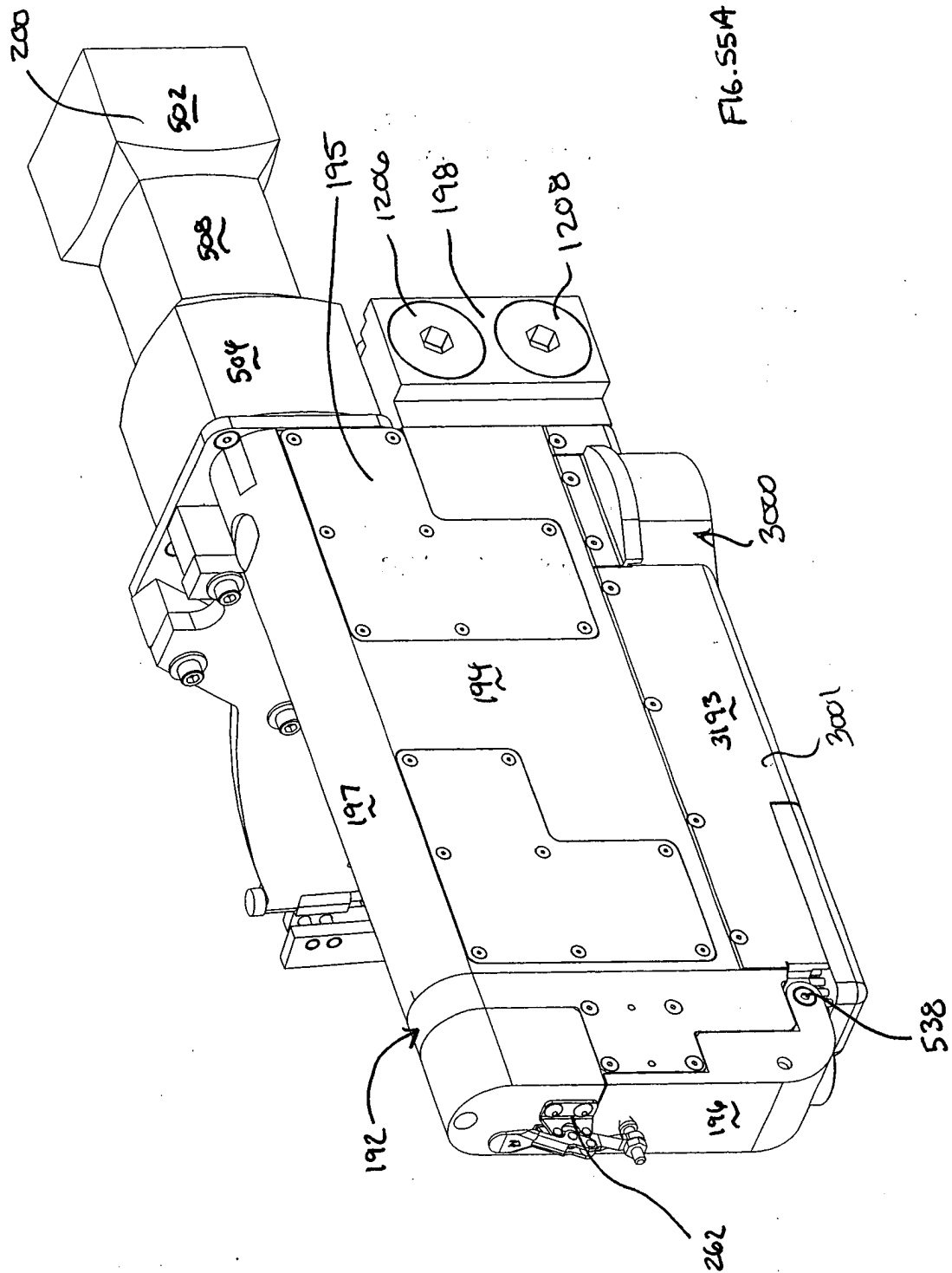
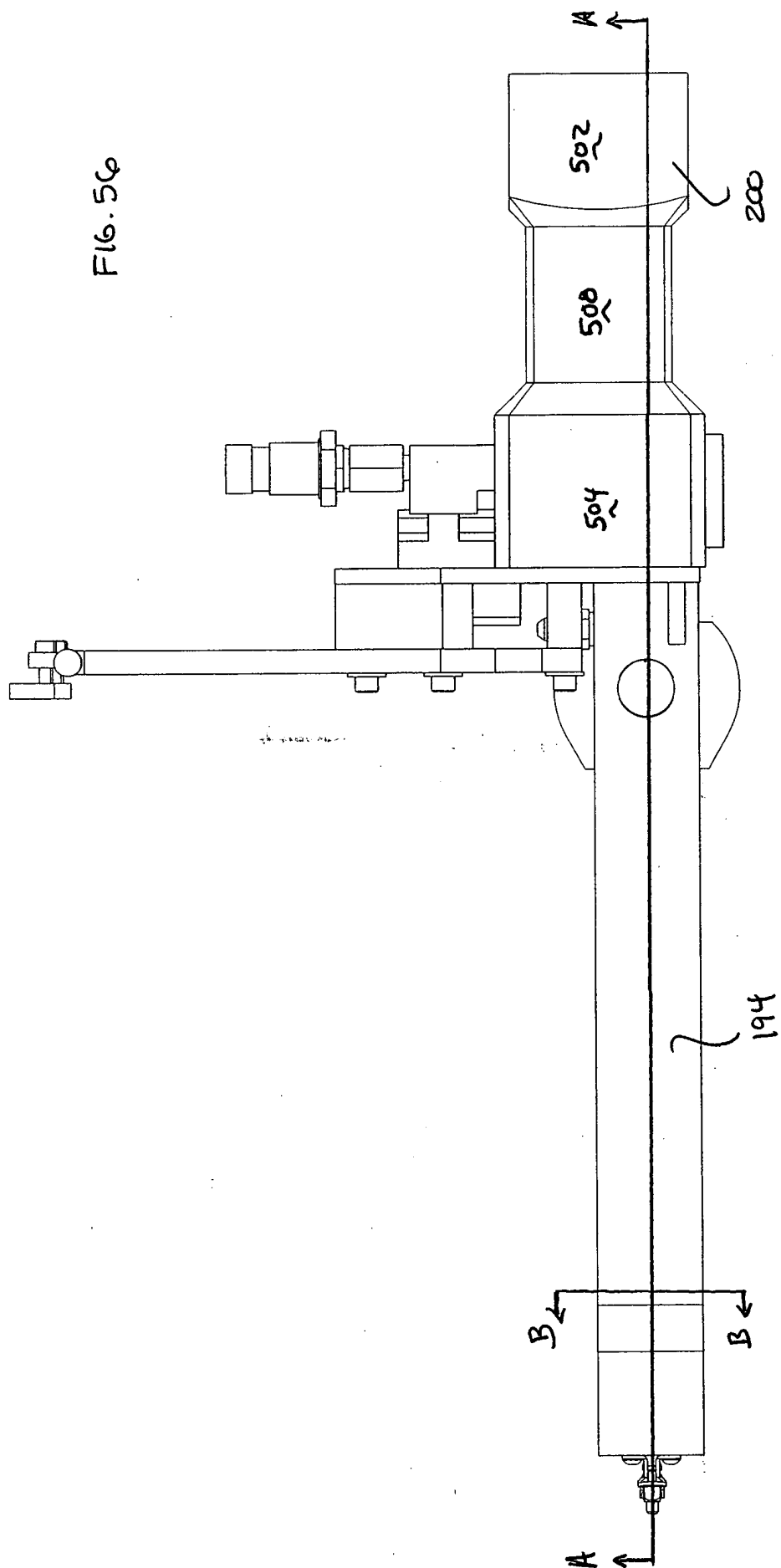


FIG. 55A

FIG. 5C



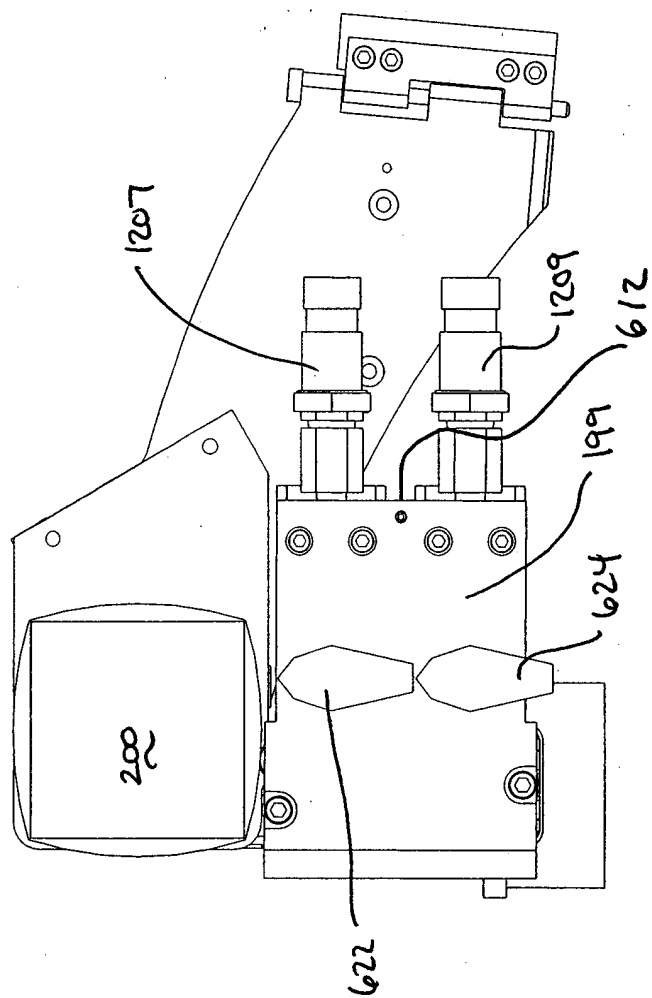


FIG. 57

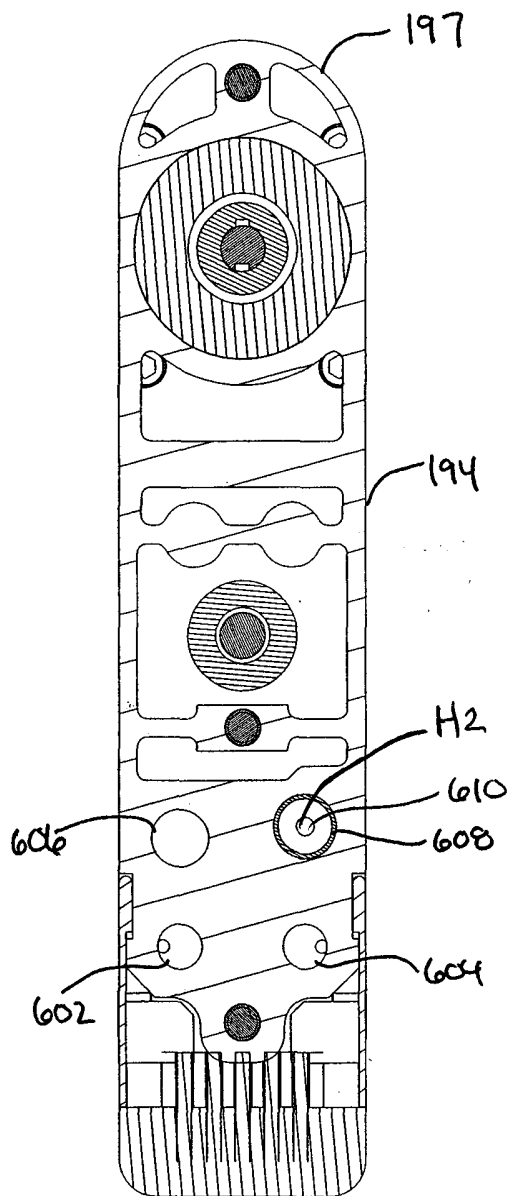


FIG. 58



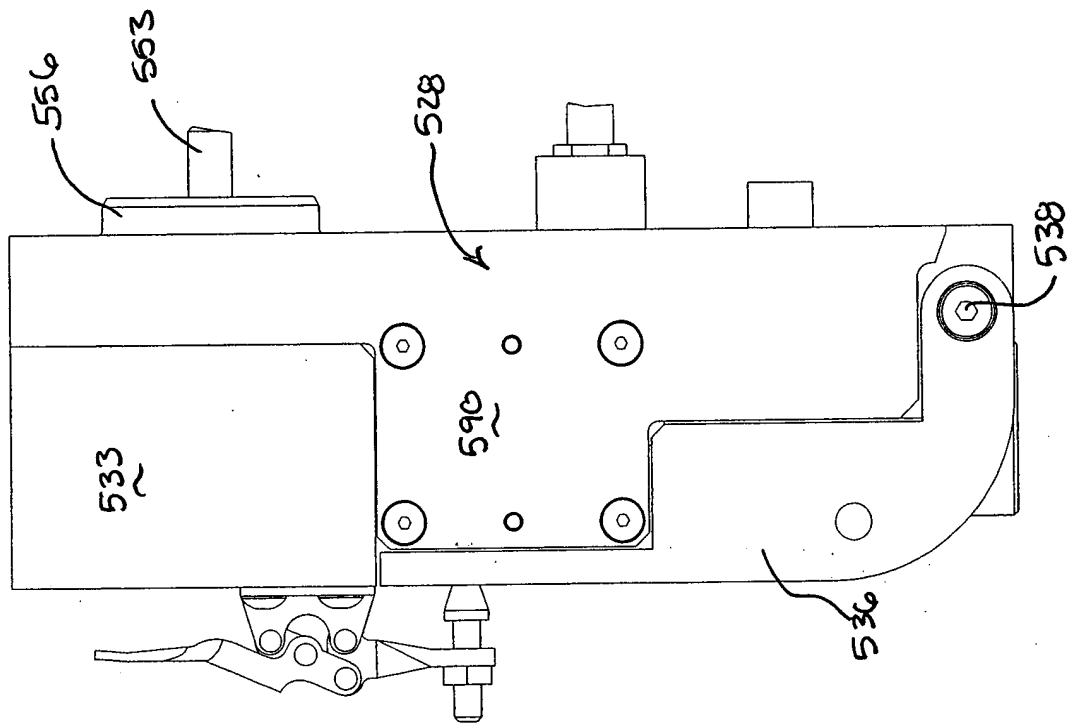
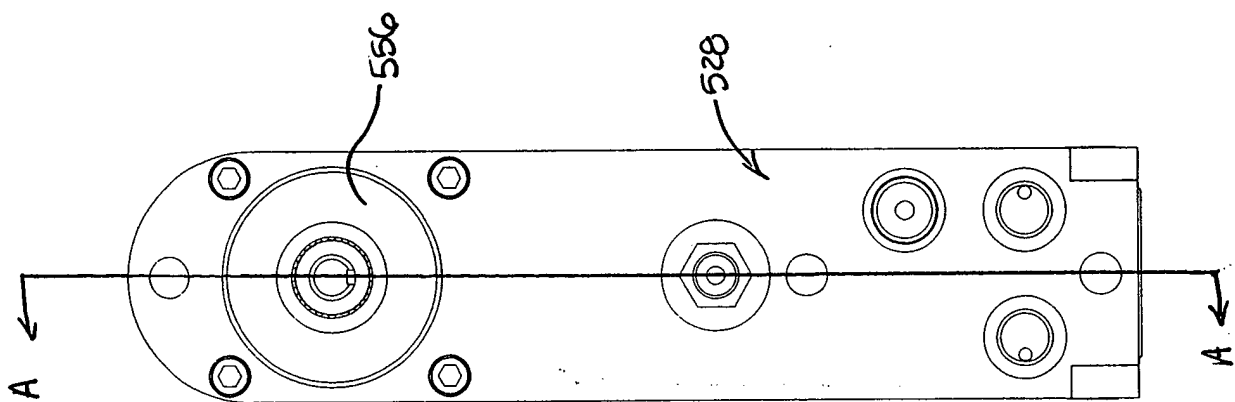


FIG. 60

FIG. 61



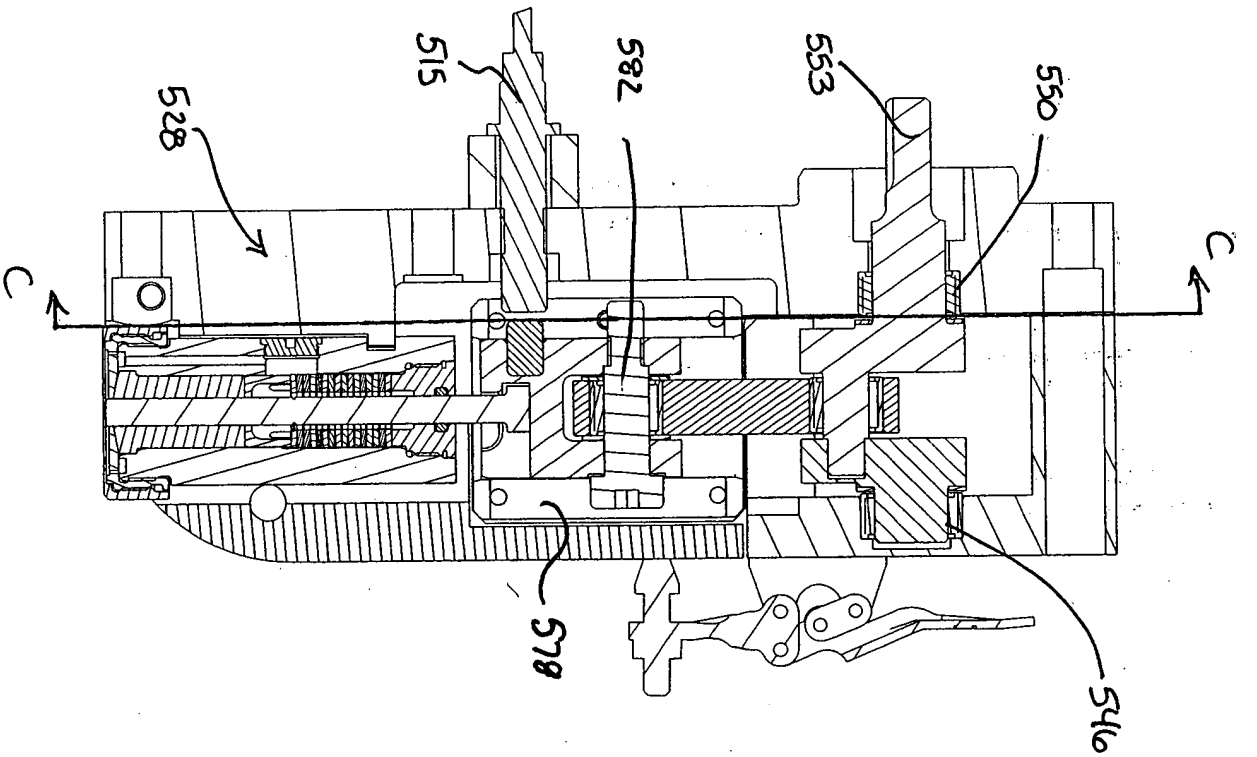


FIG. 62



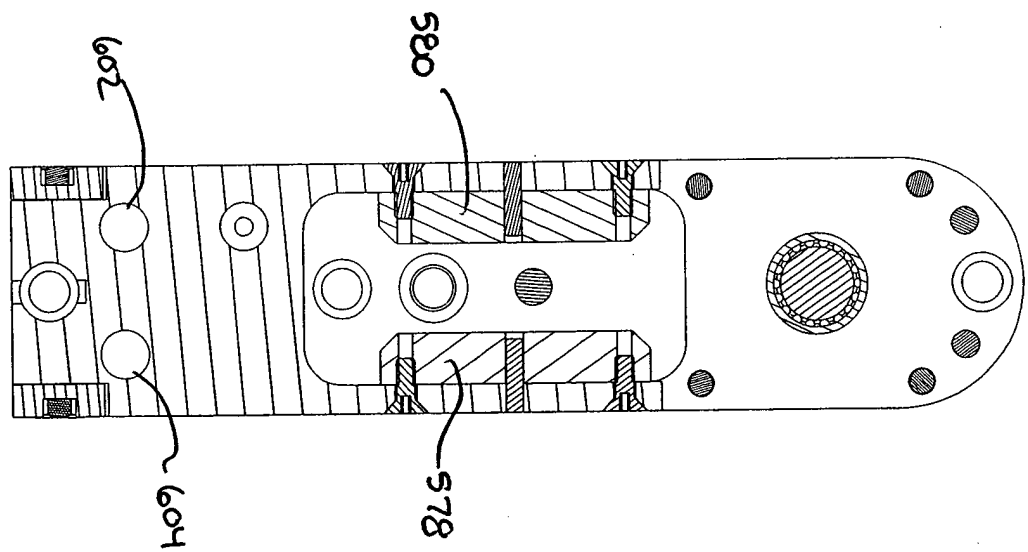
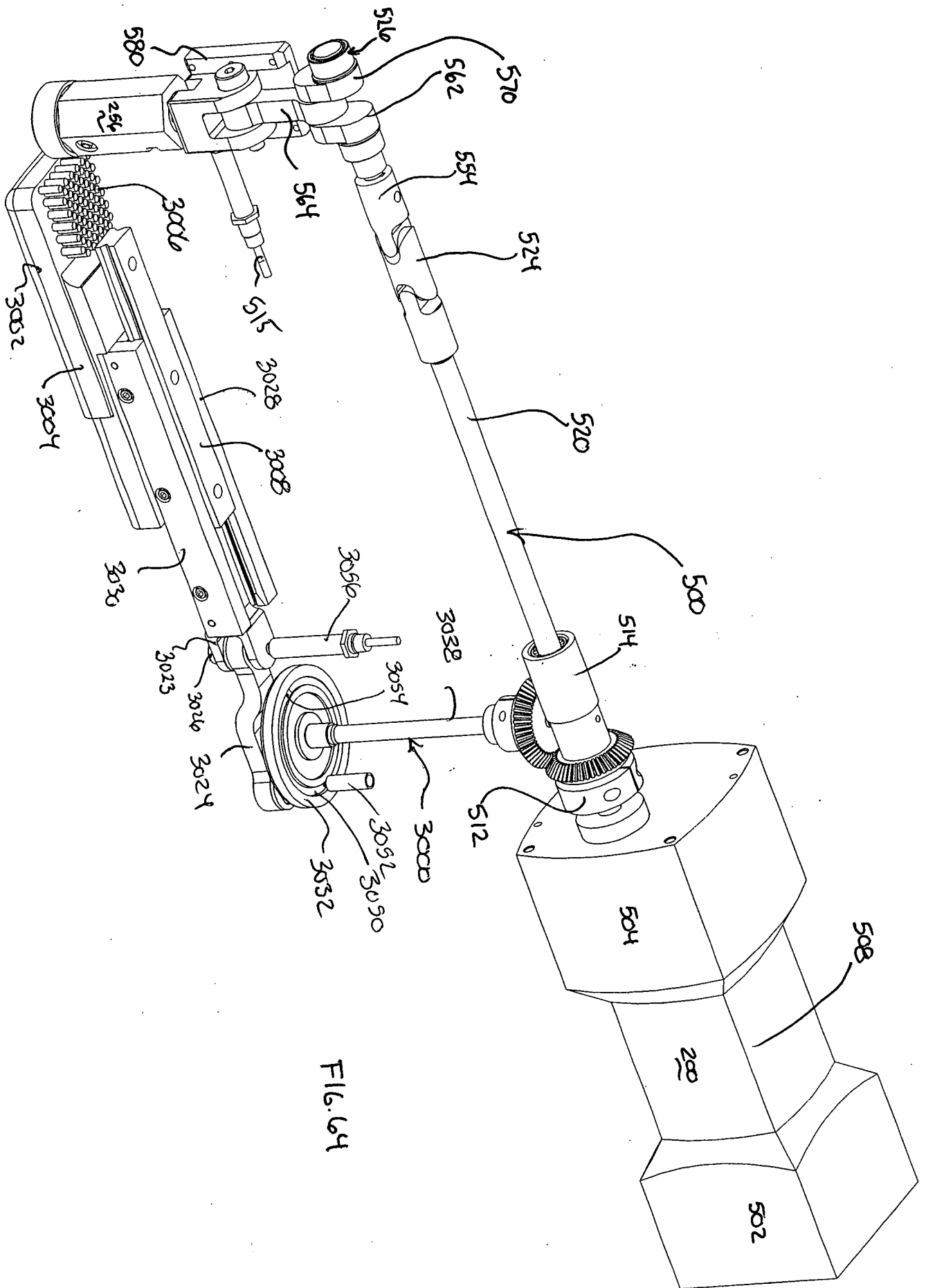


FIG. 63



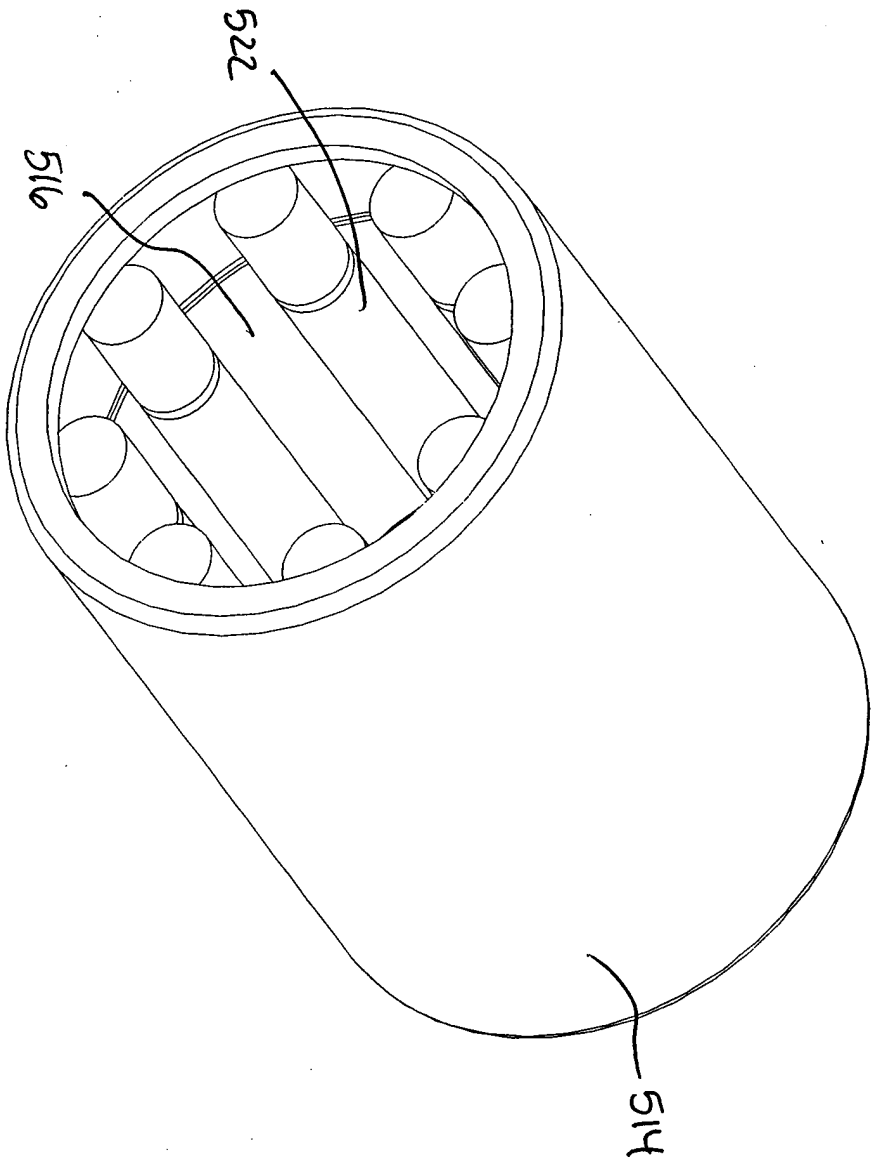


FIG. 65

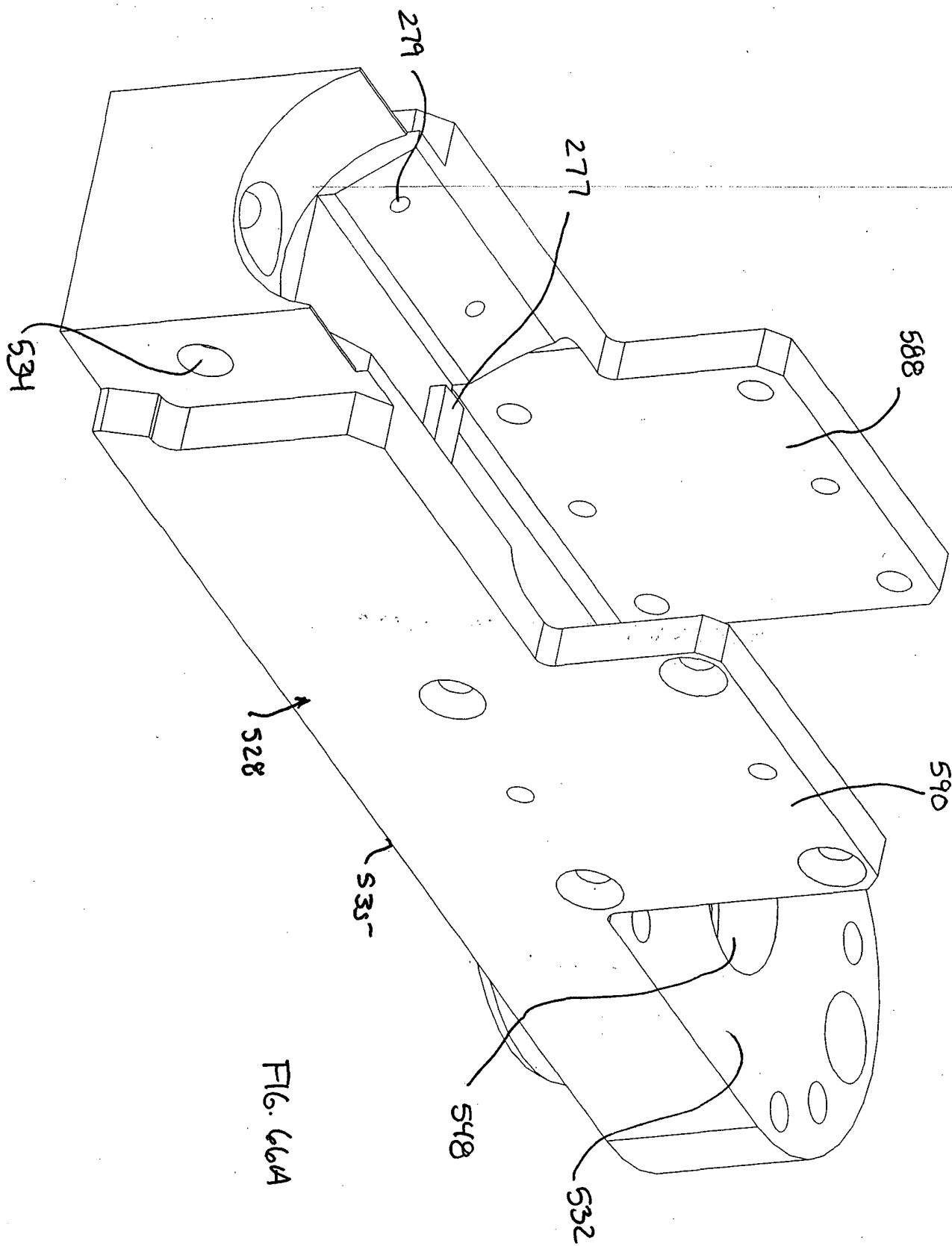


FIG. 66A

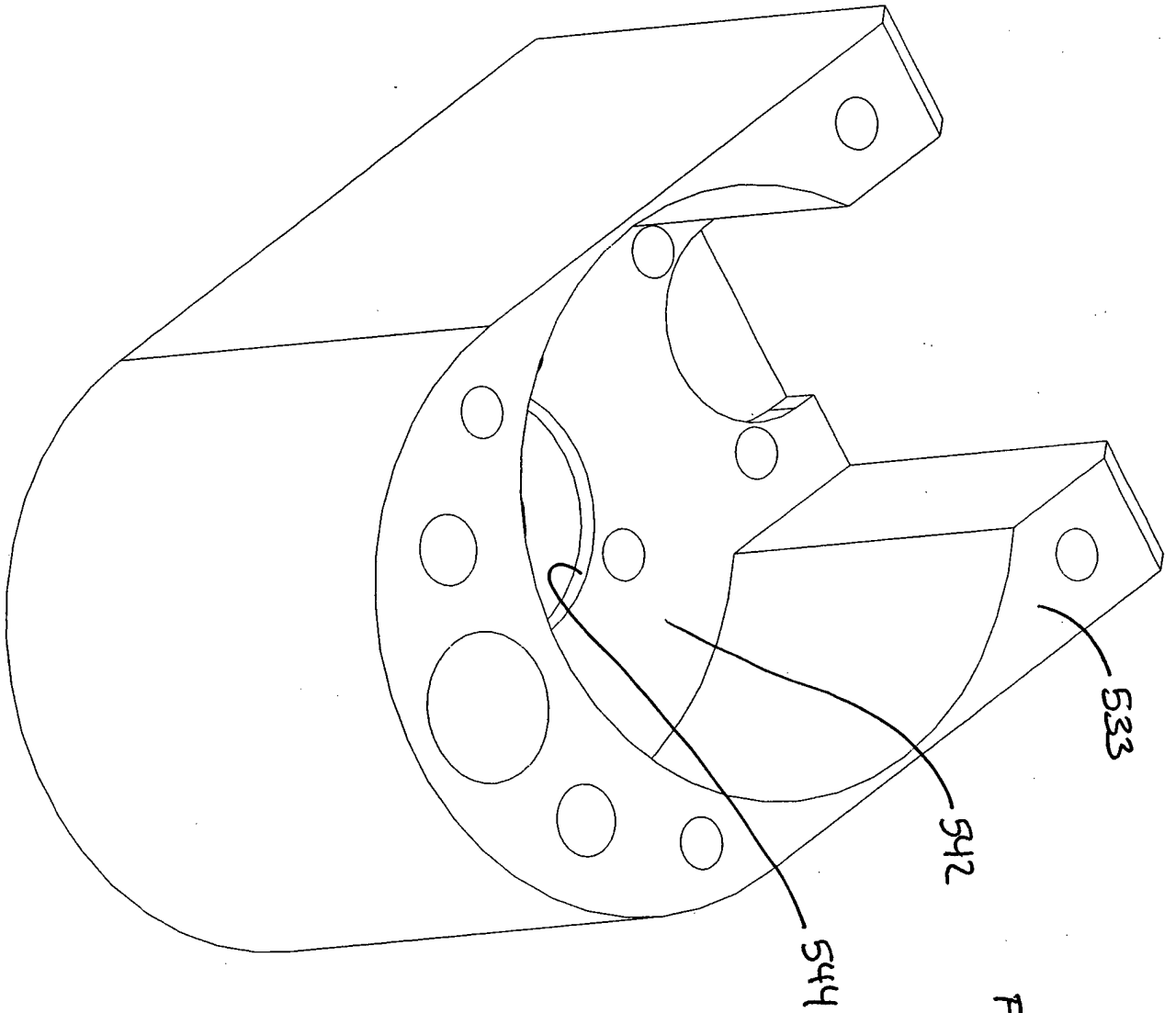


FIG. 663

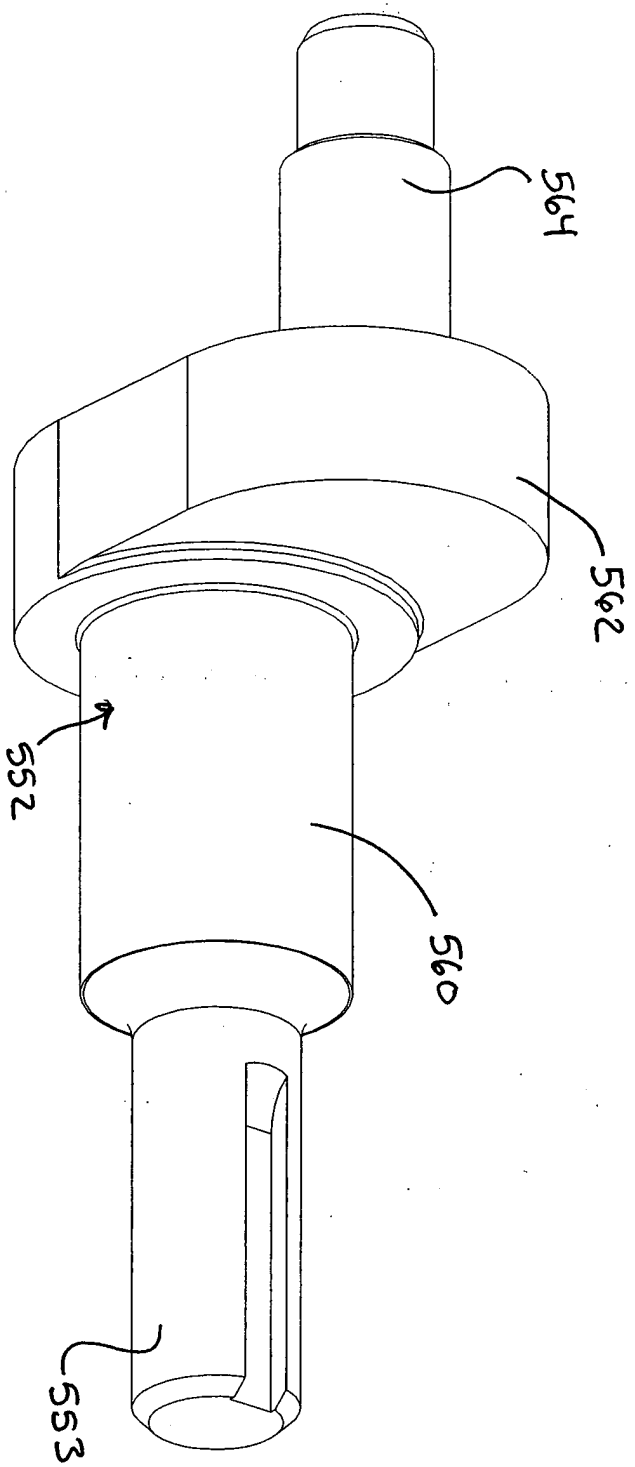


FIG. 67

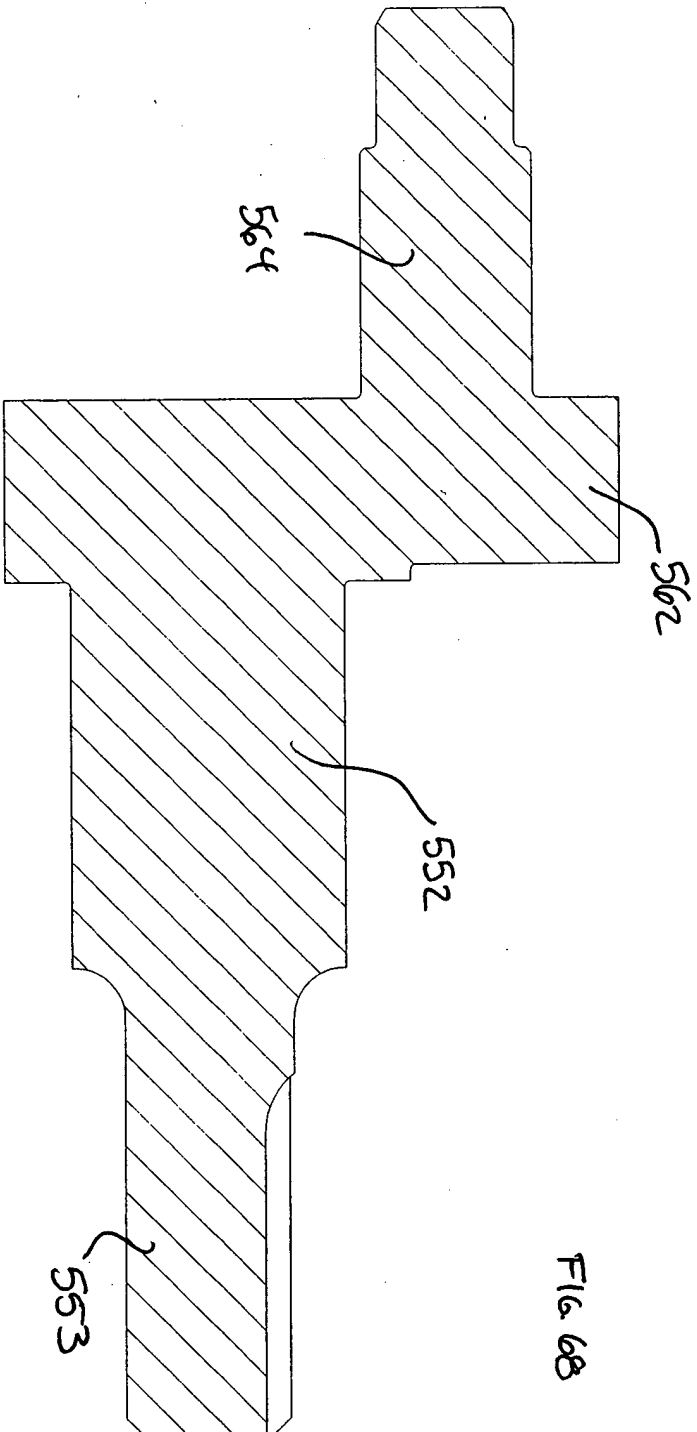


FIG. 68

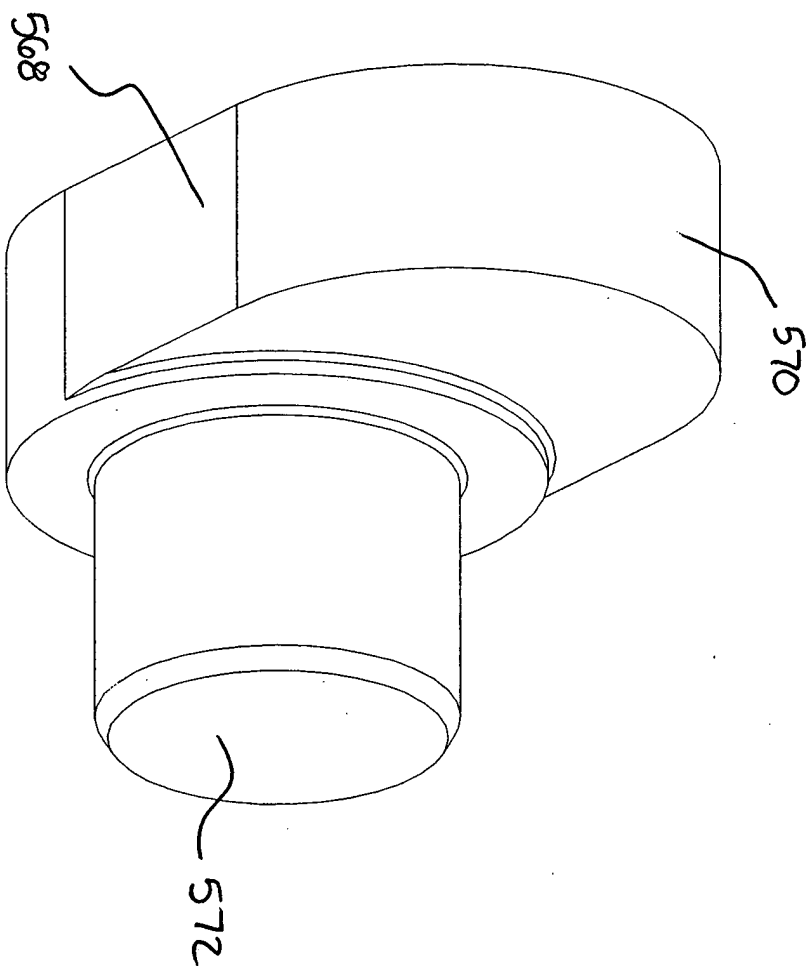


FIG. 69



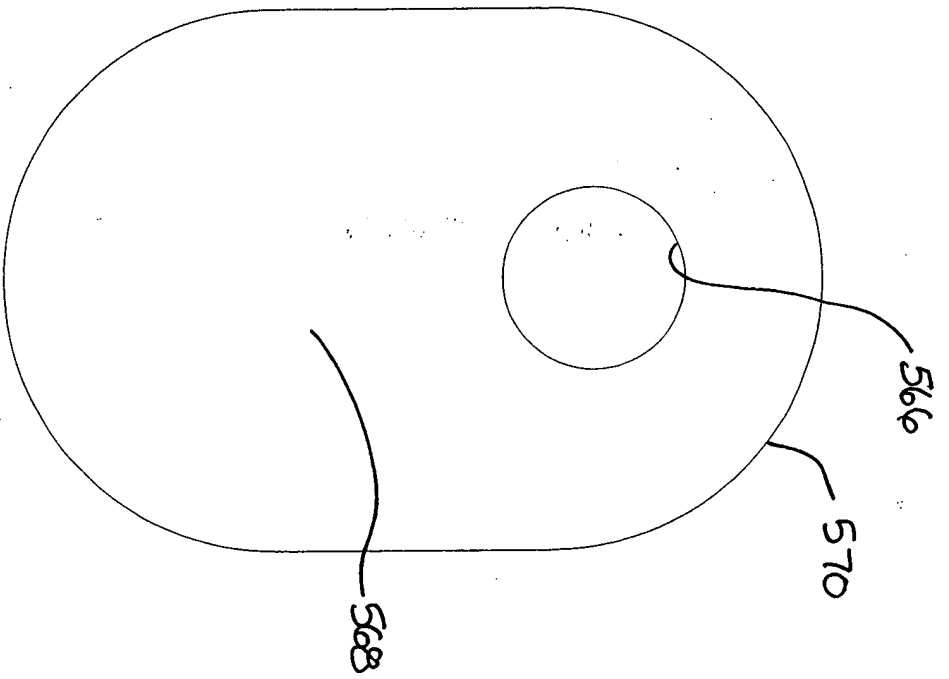


FIG. 70

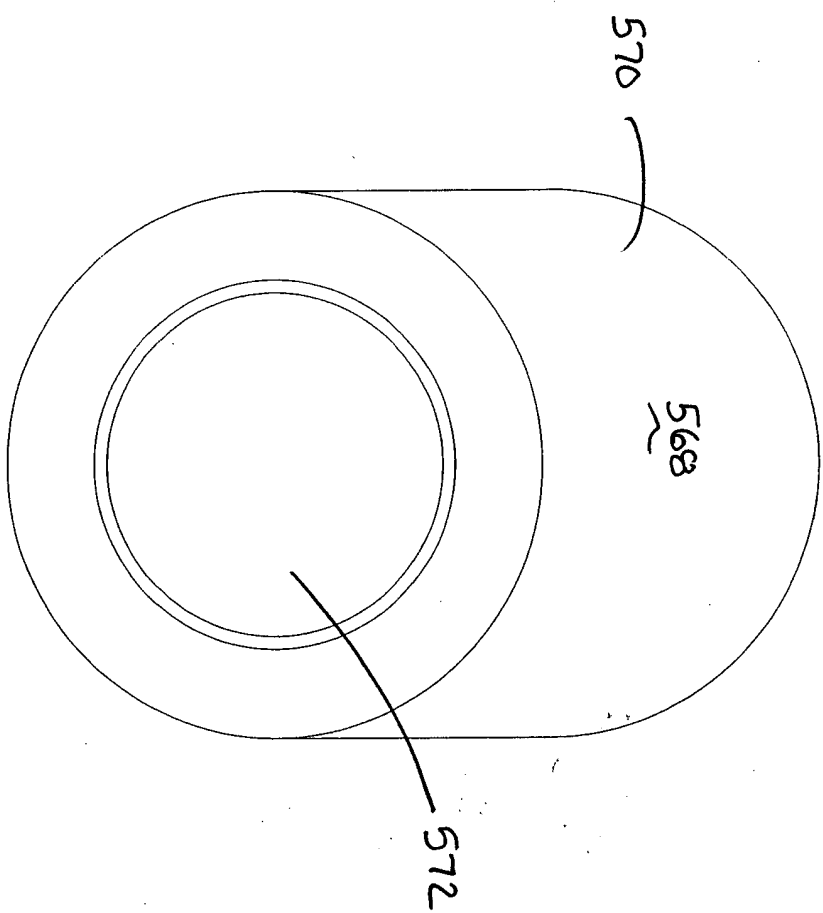


FIG. 71

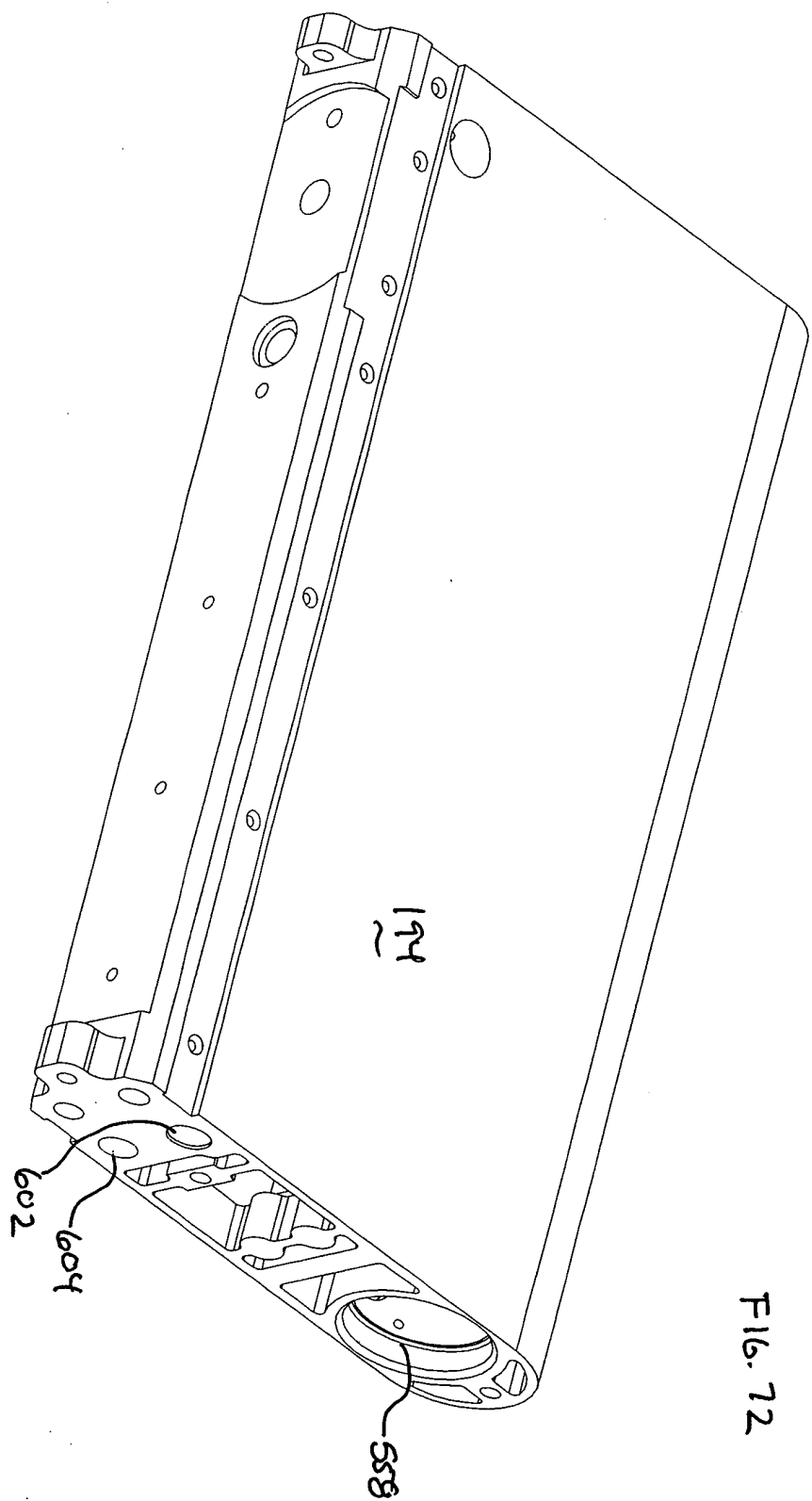


FIG. 72

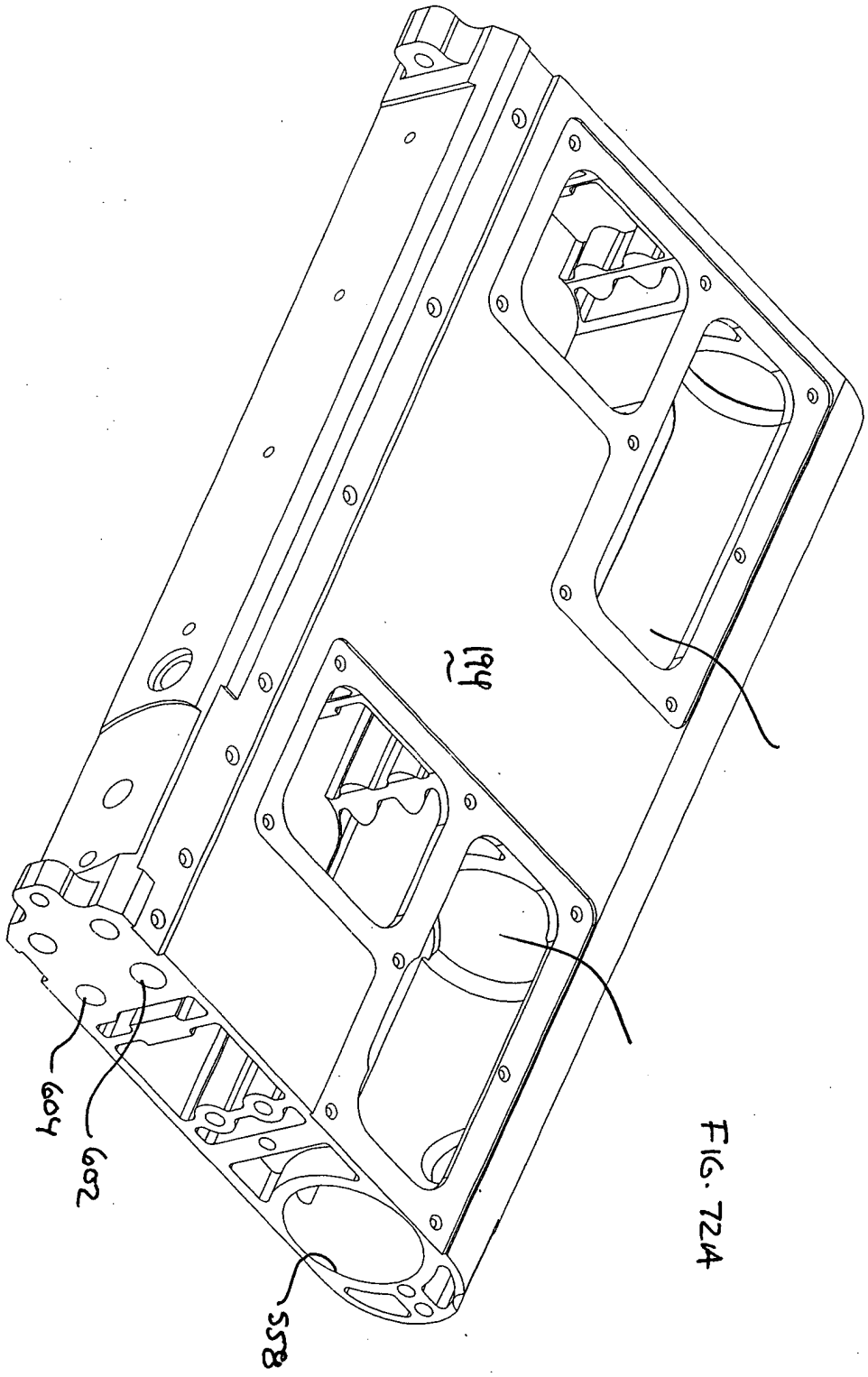


FIG. 724

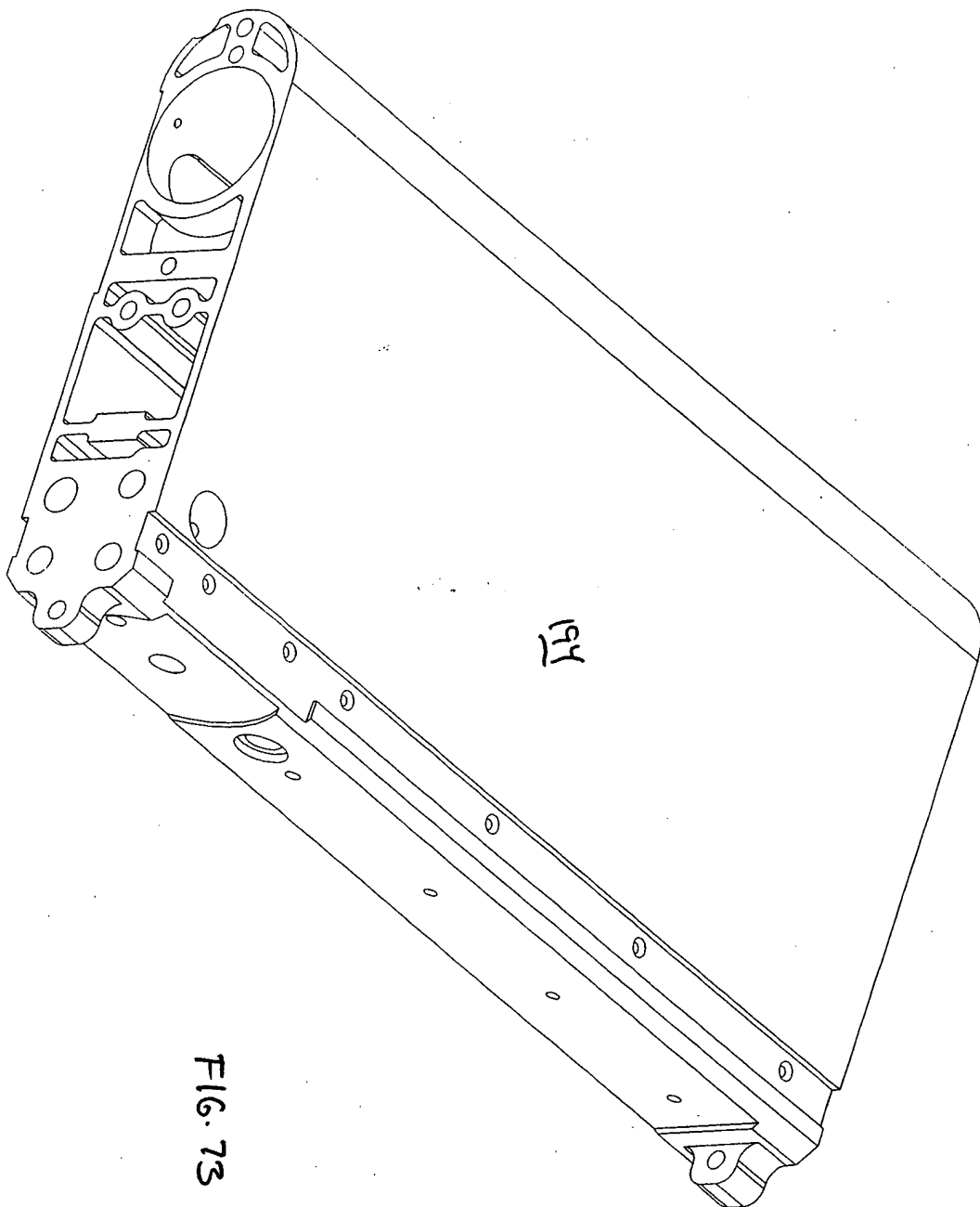


FIG. 73

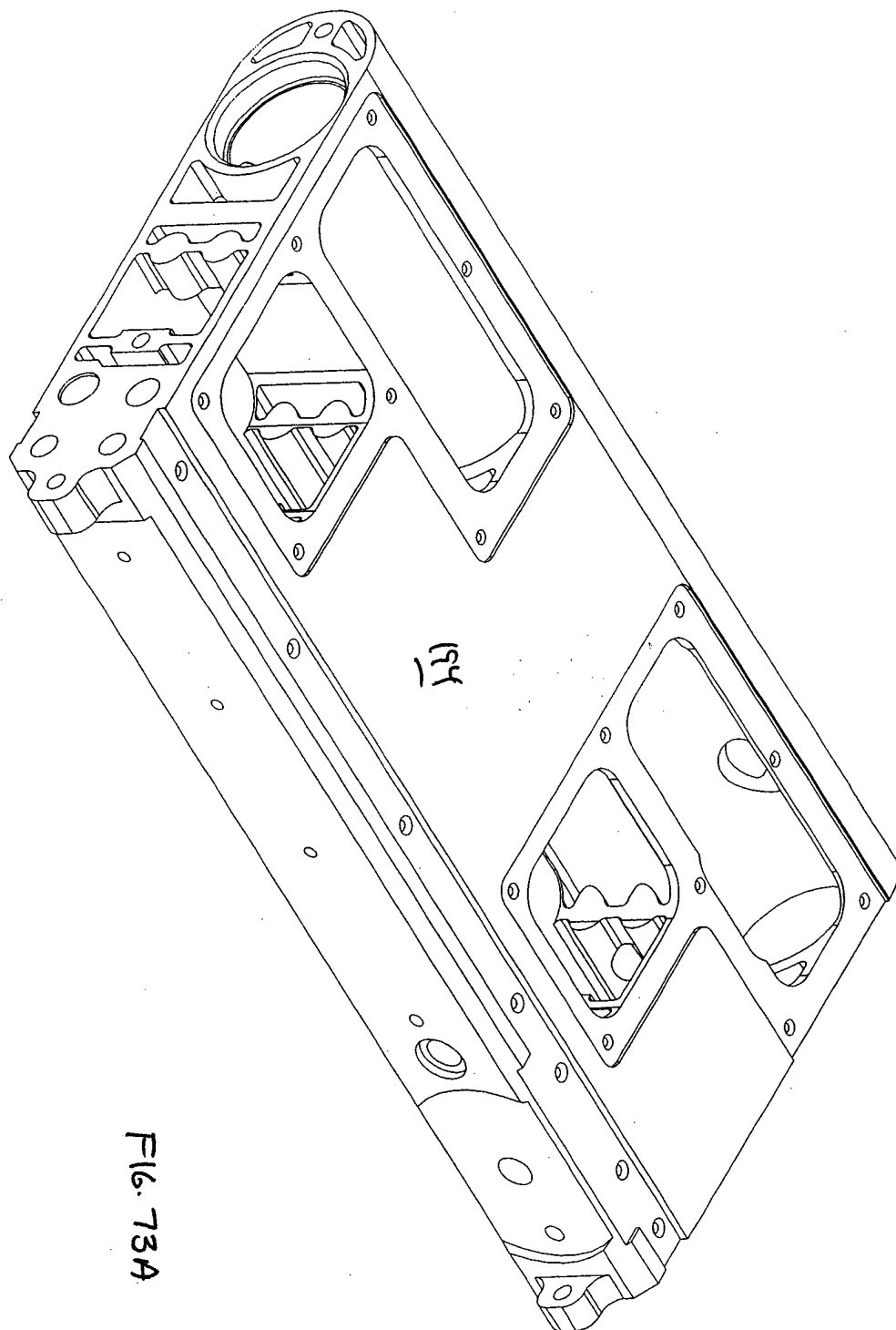


FIG. 73A

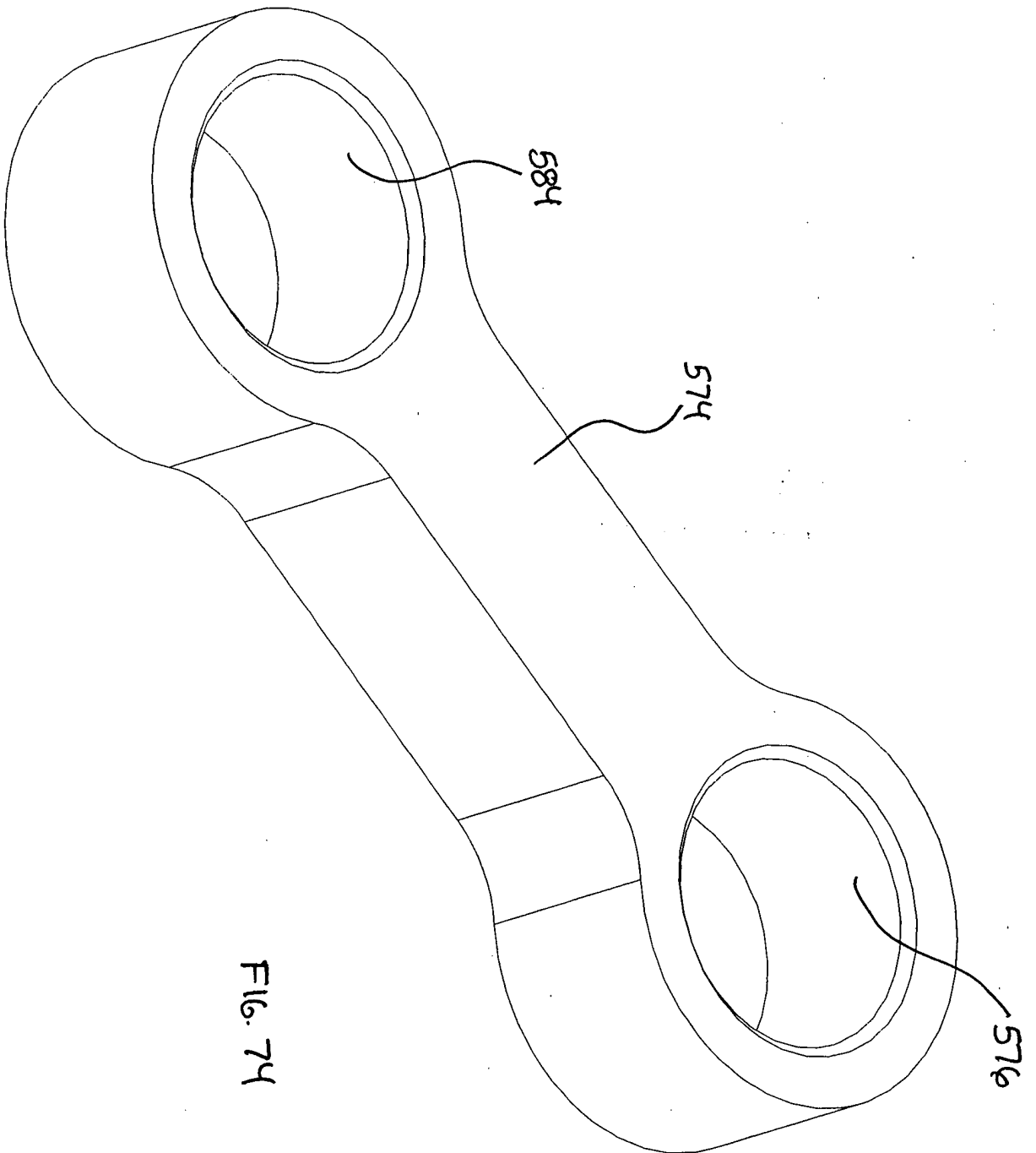


FIG. 74

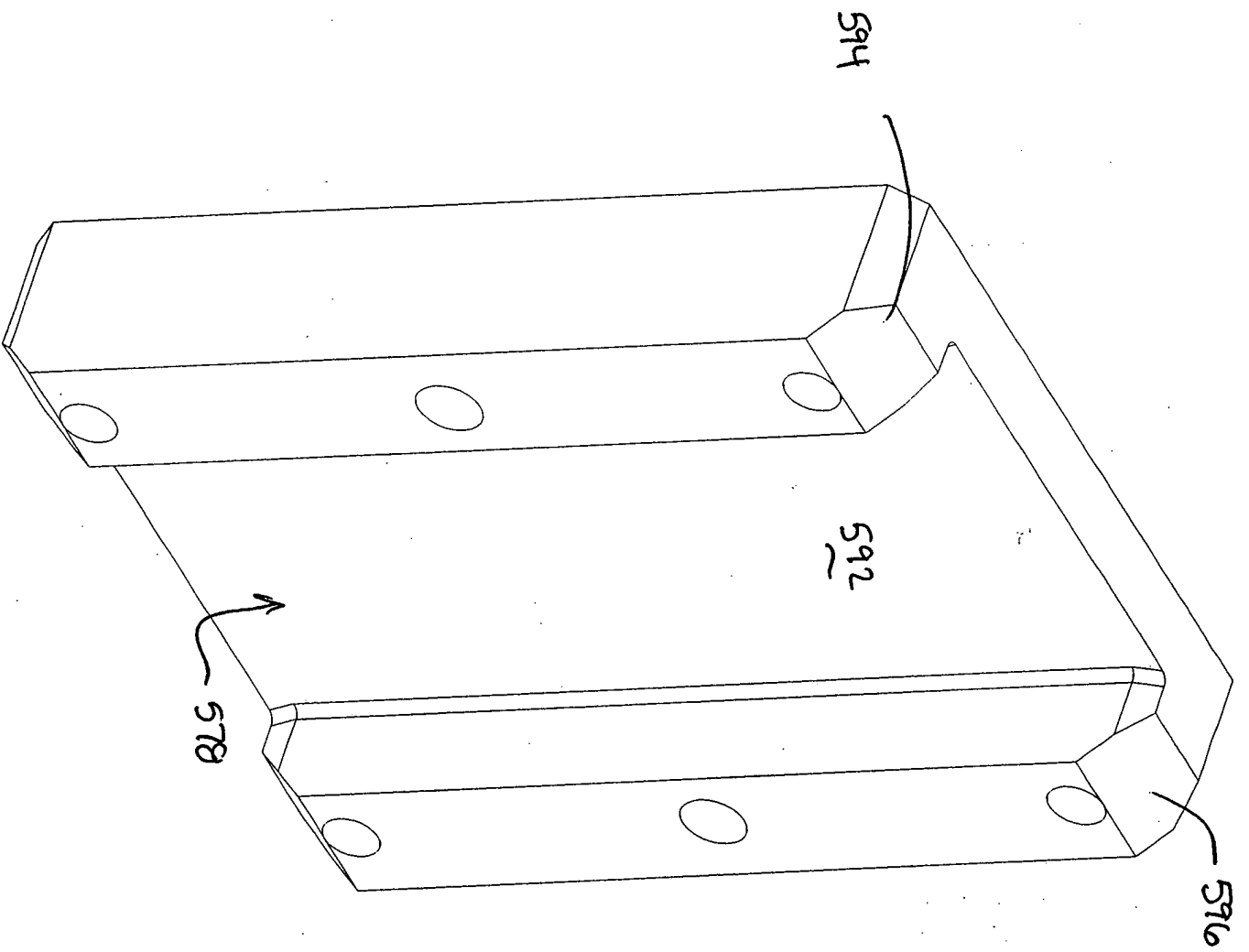
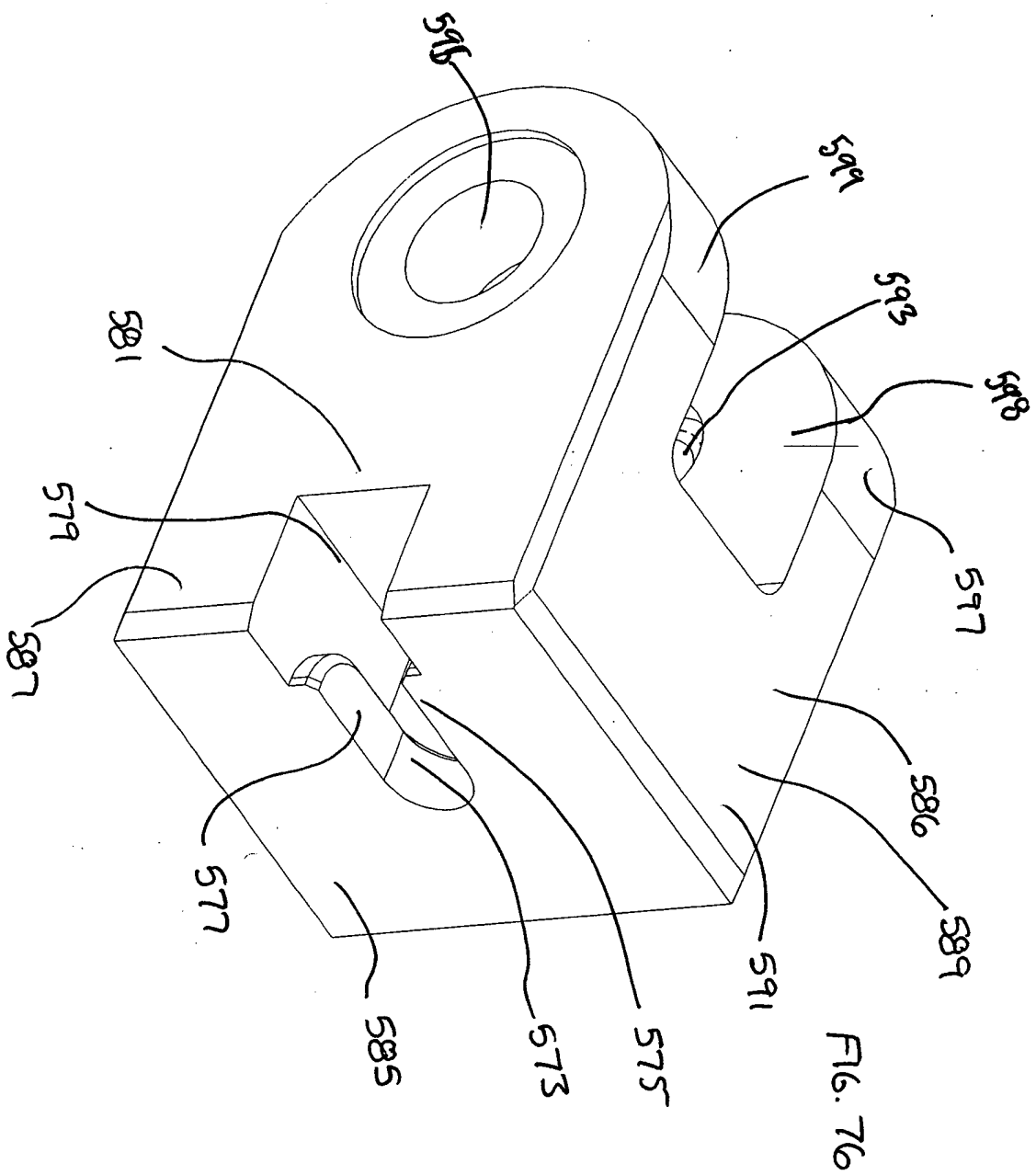


FIG. 75







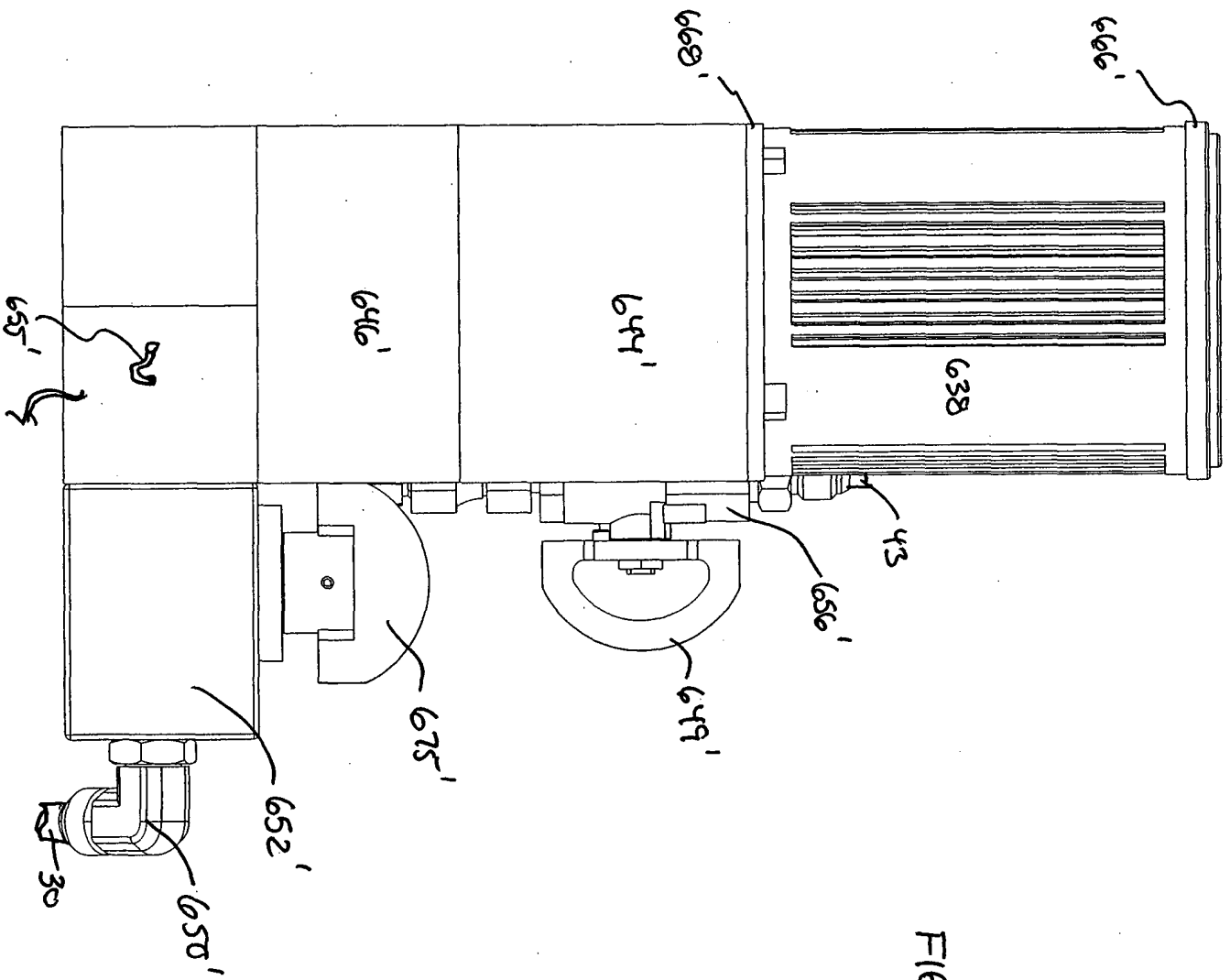


FIG. 774

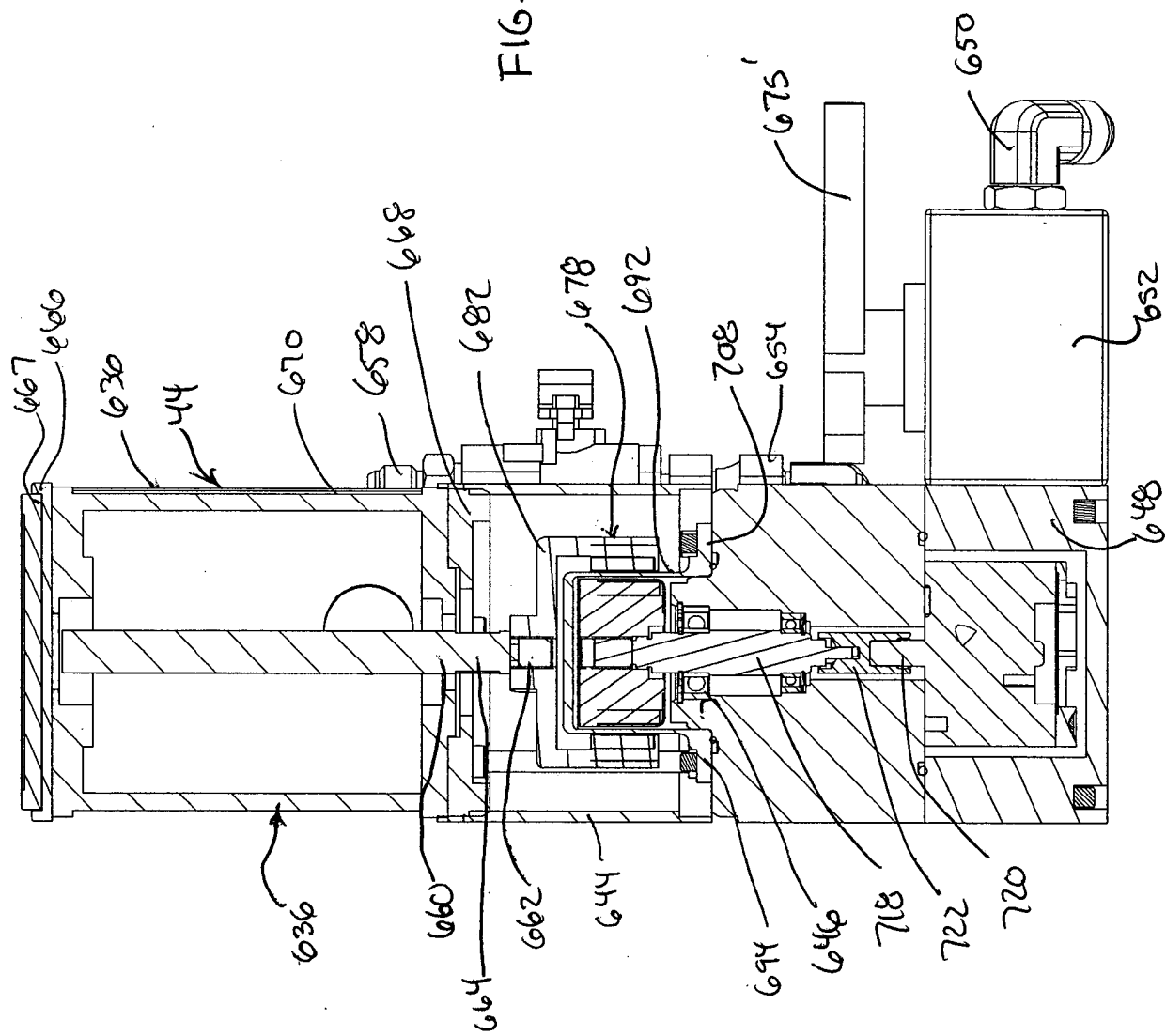


FIG. 79

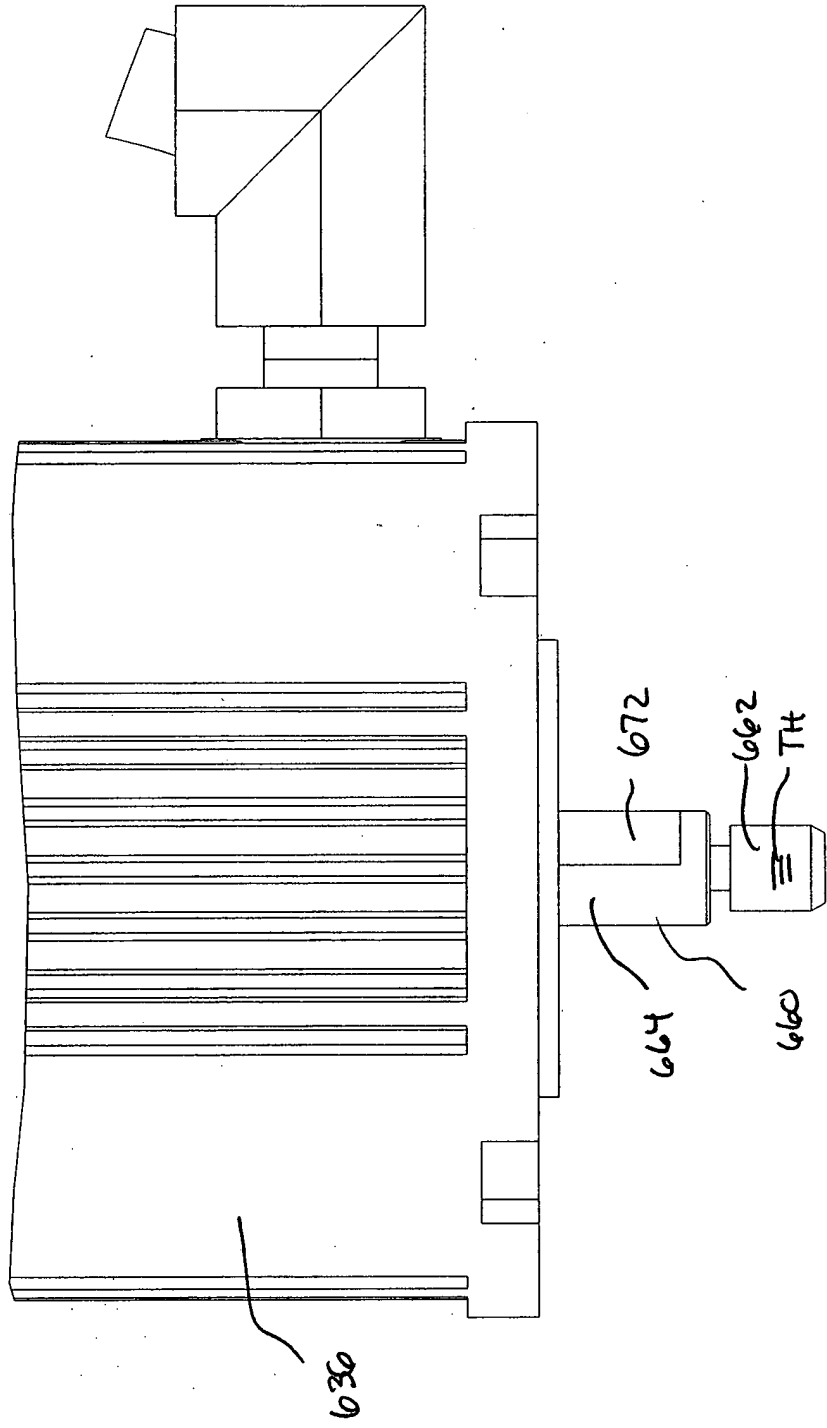
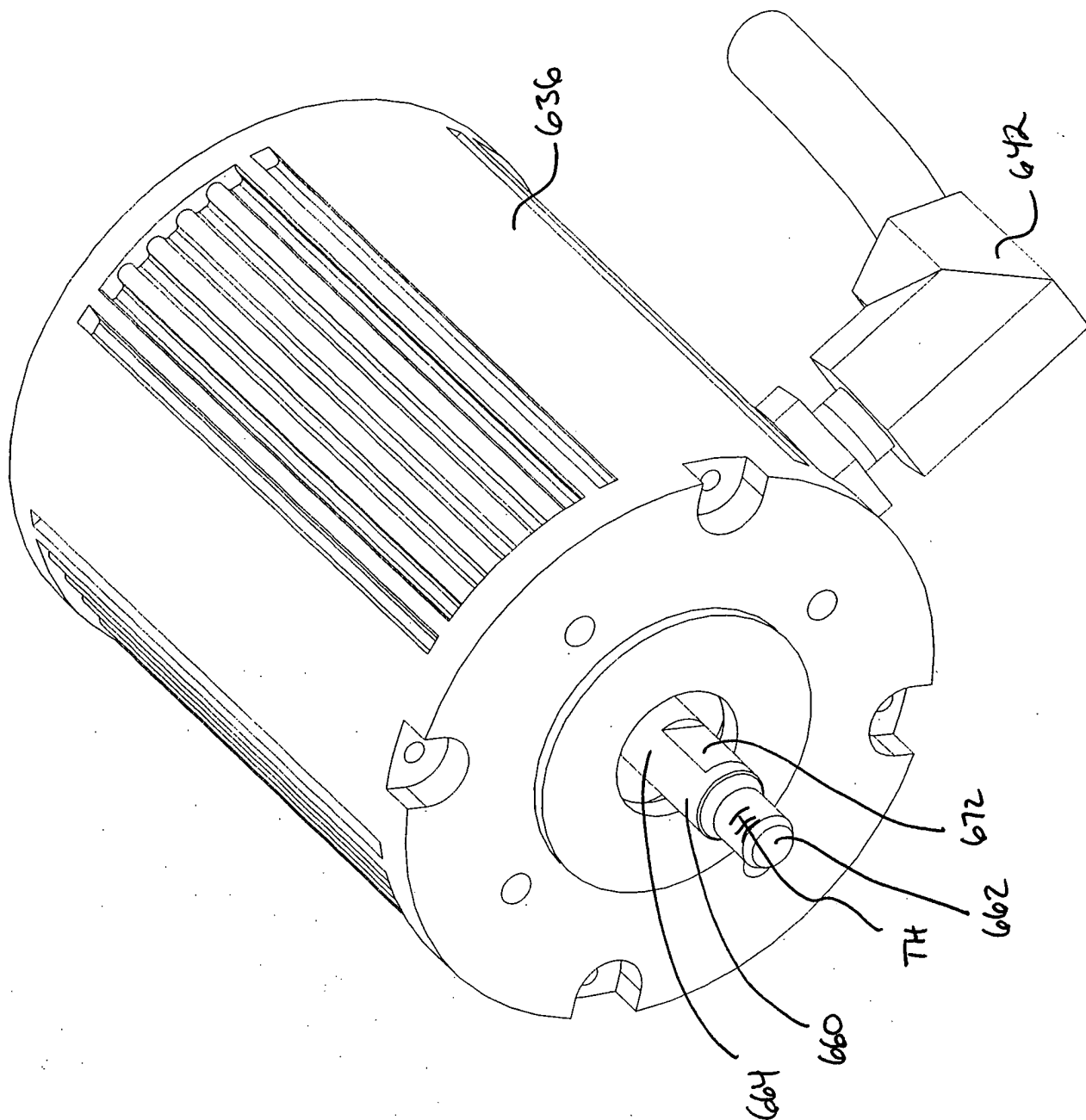
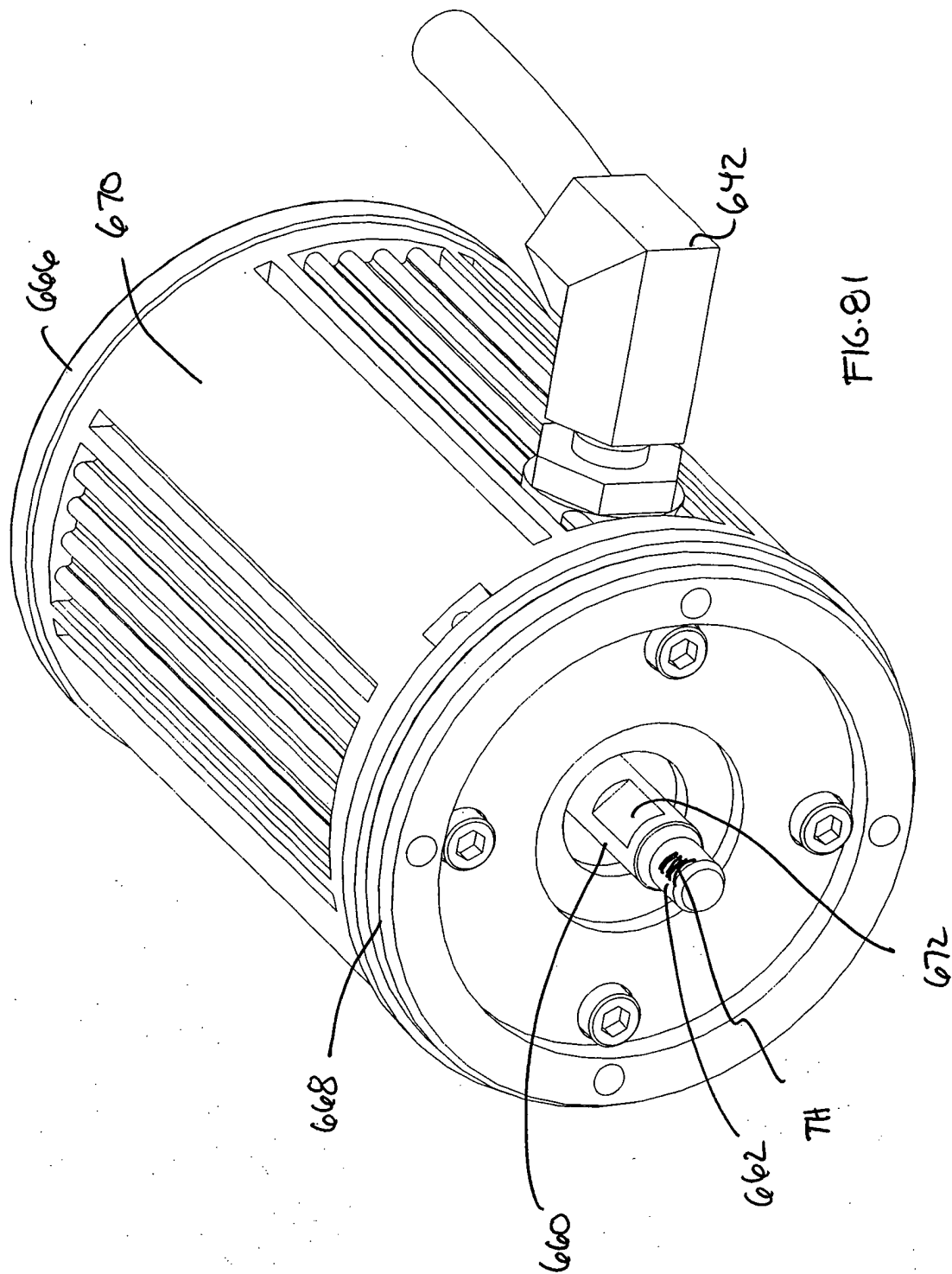
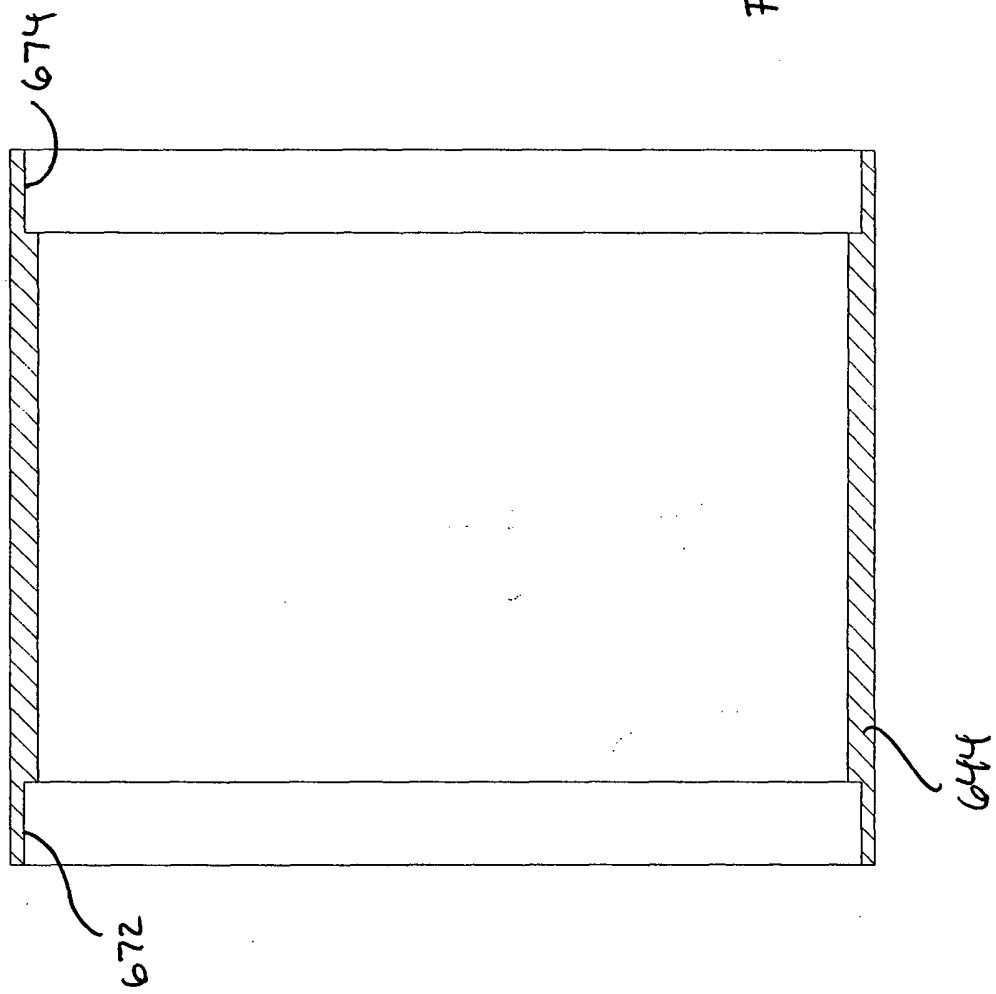


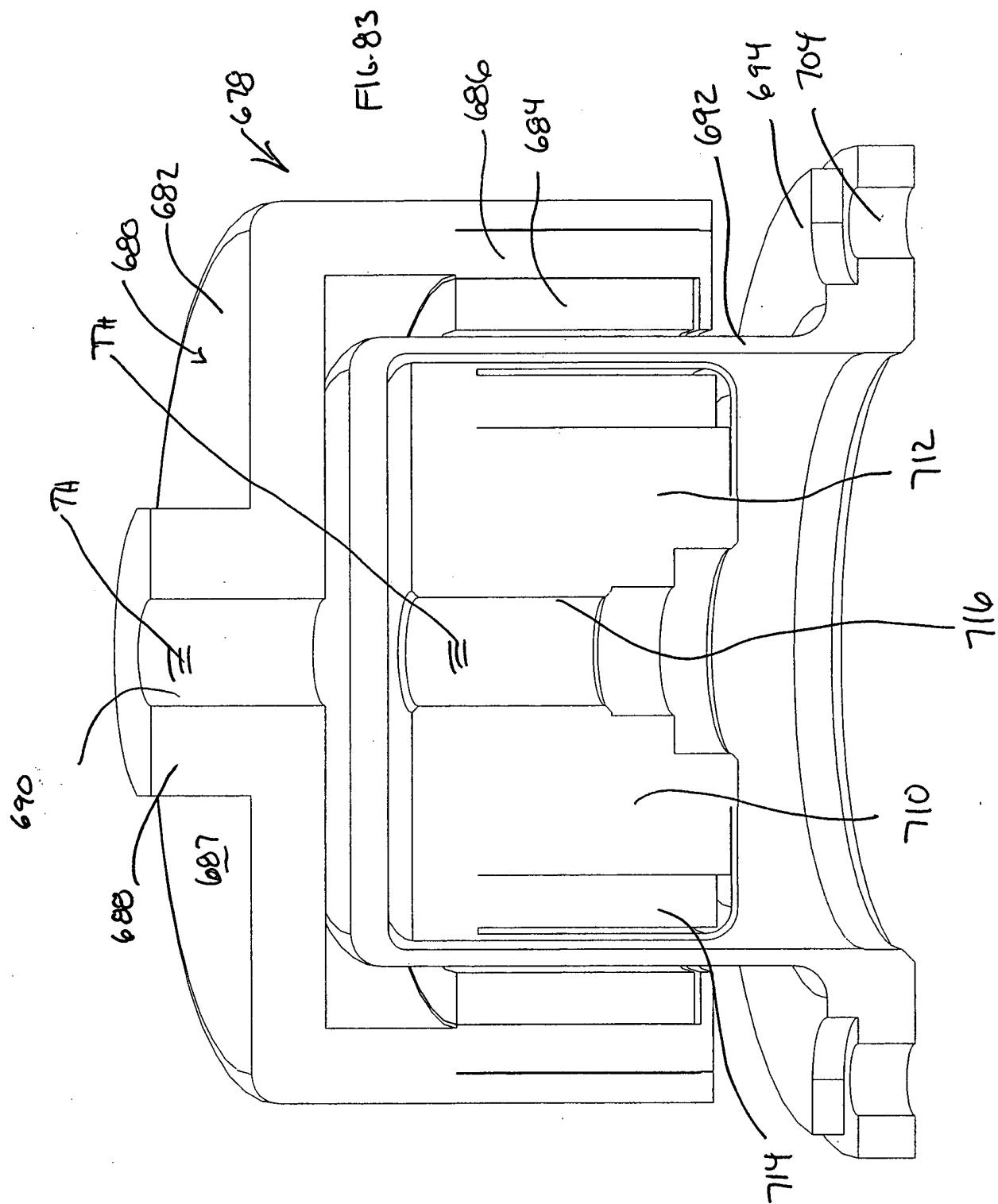
FIG. 80











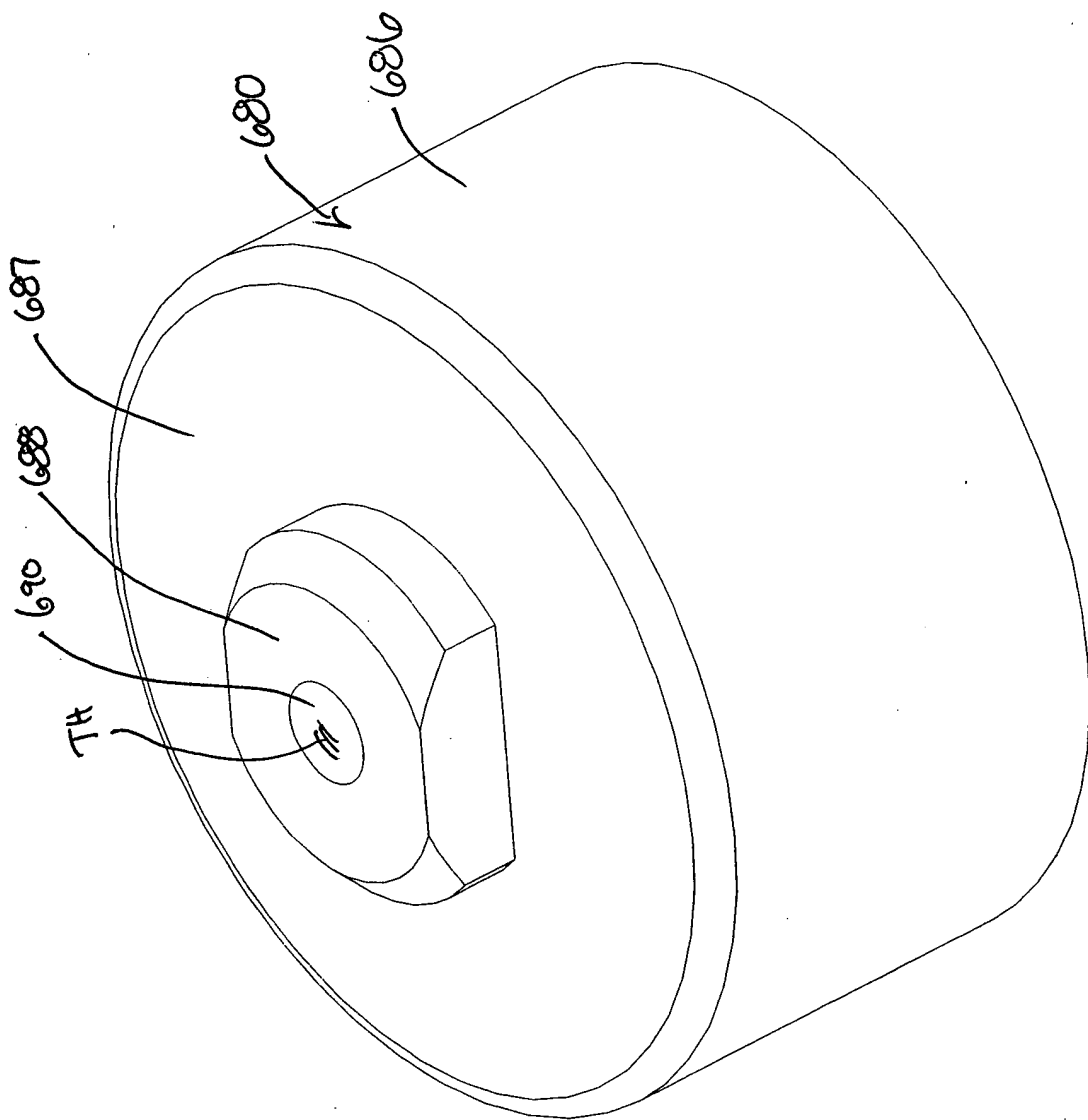


FIG. 84

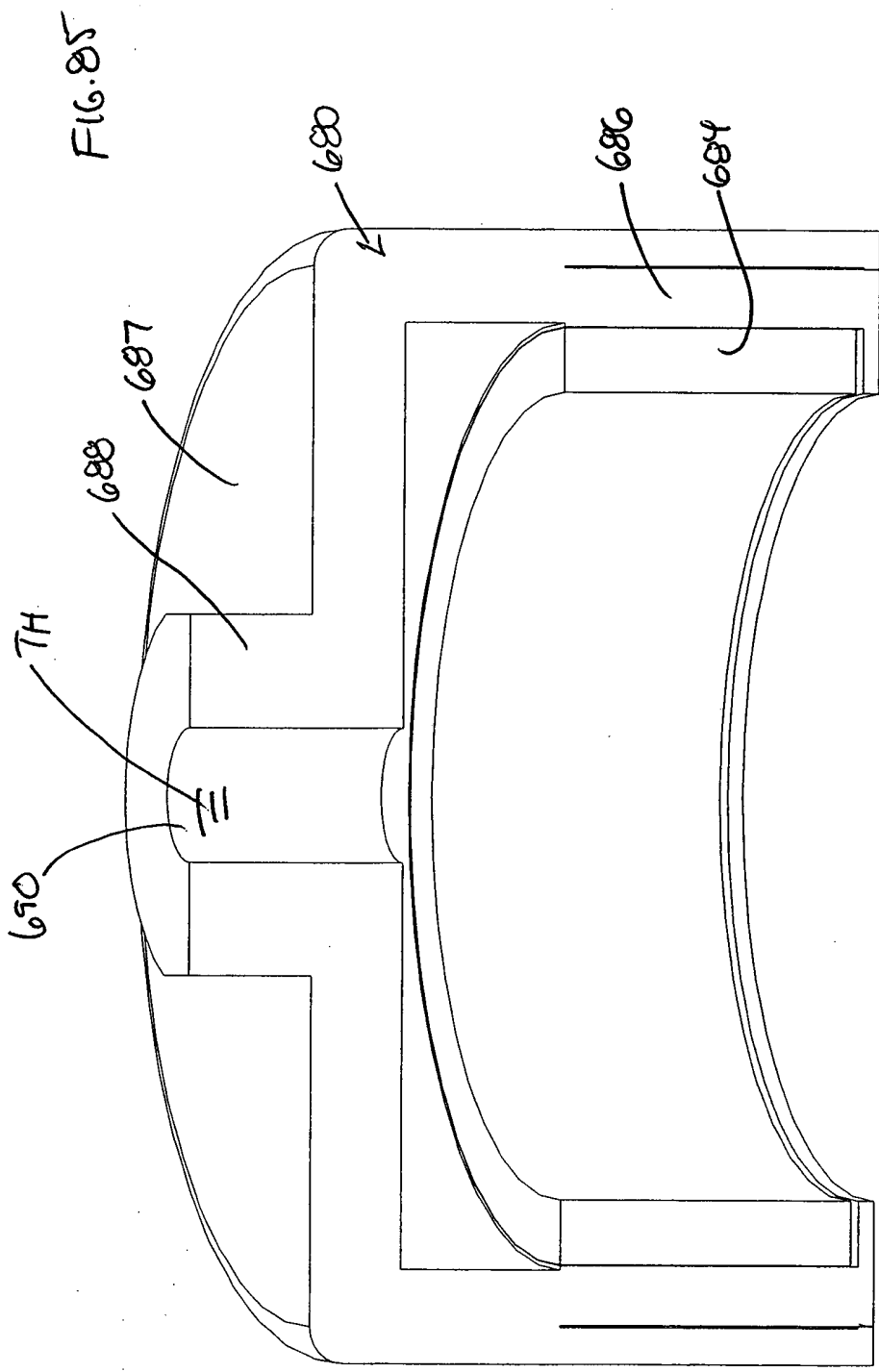


FIG. 86

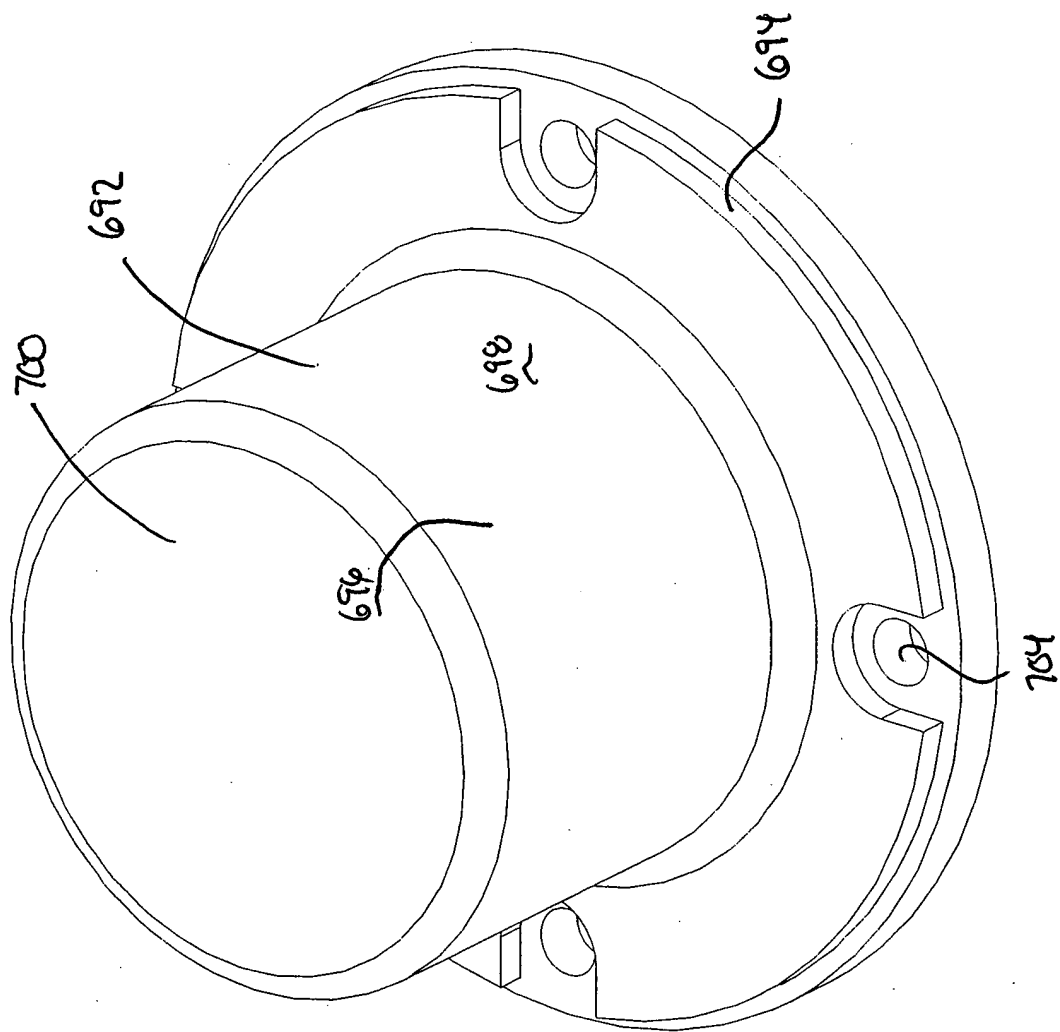
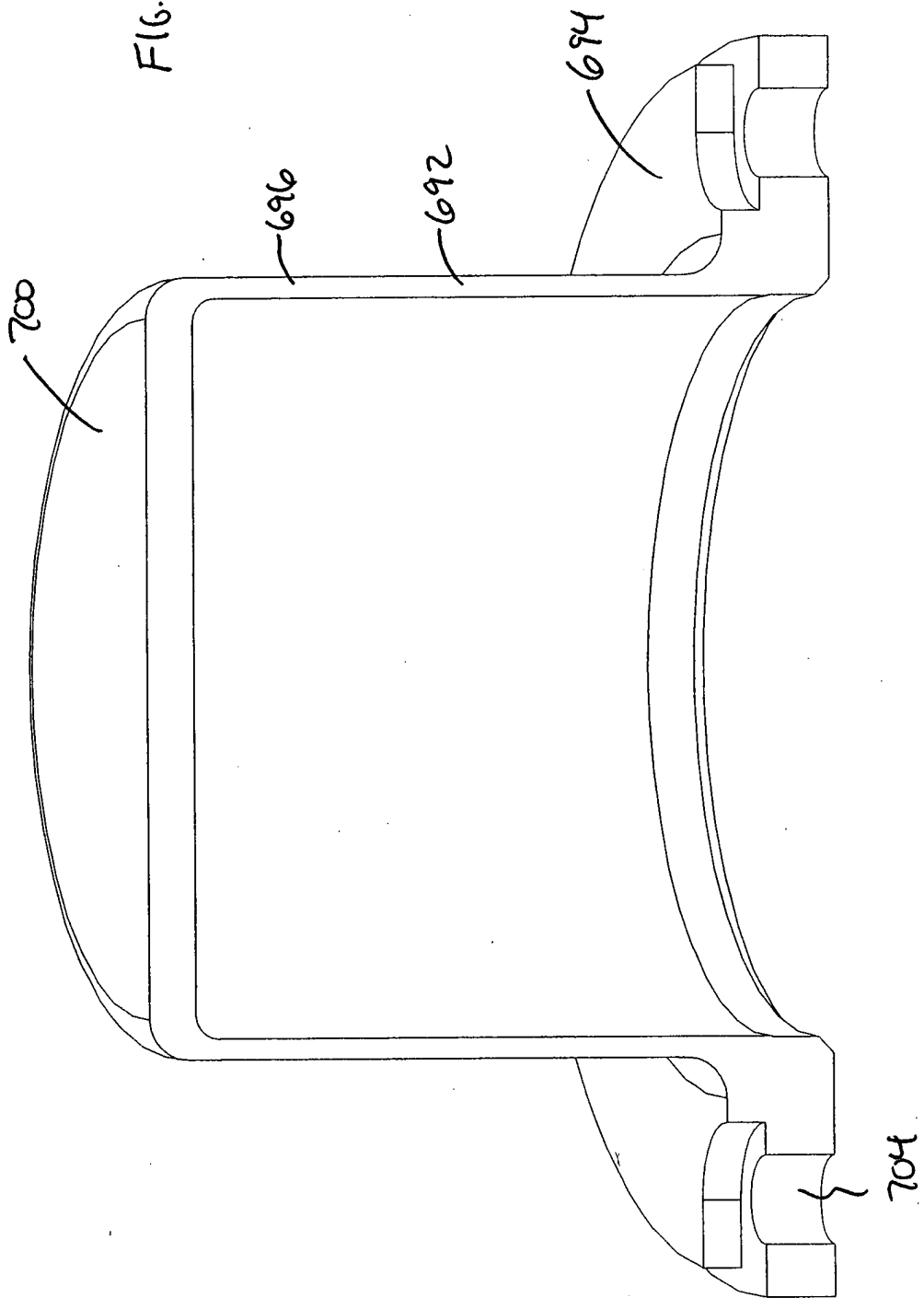


FIG. 87



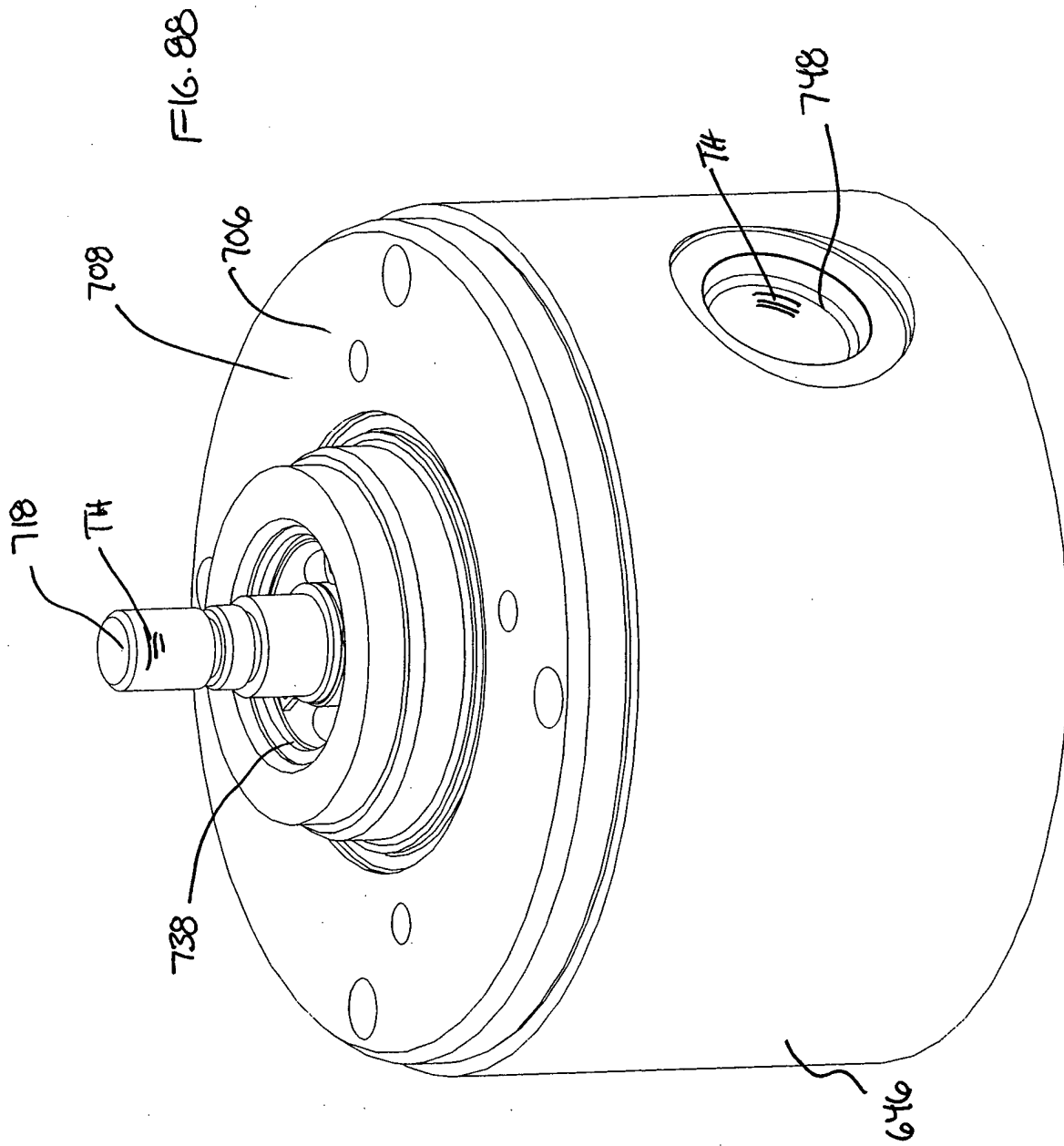


FIG. 89A

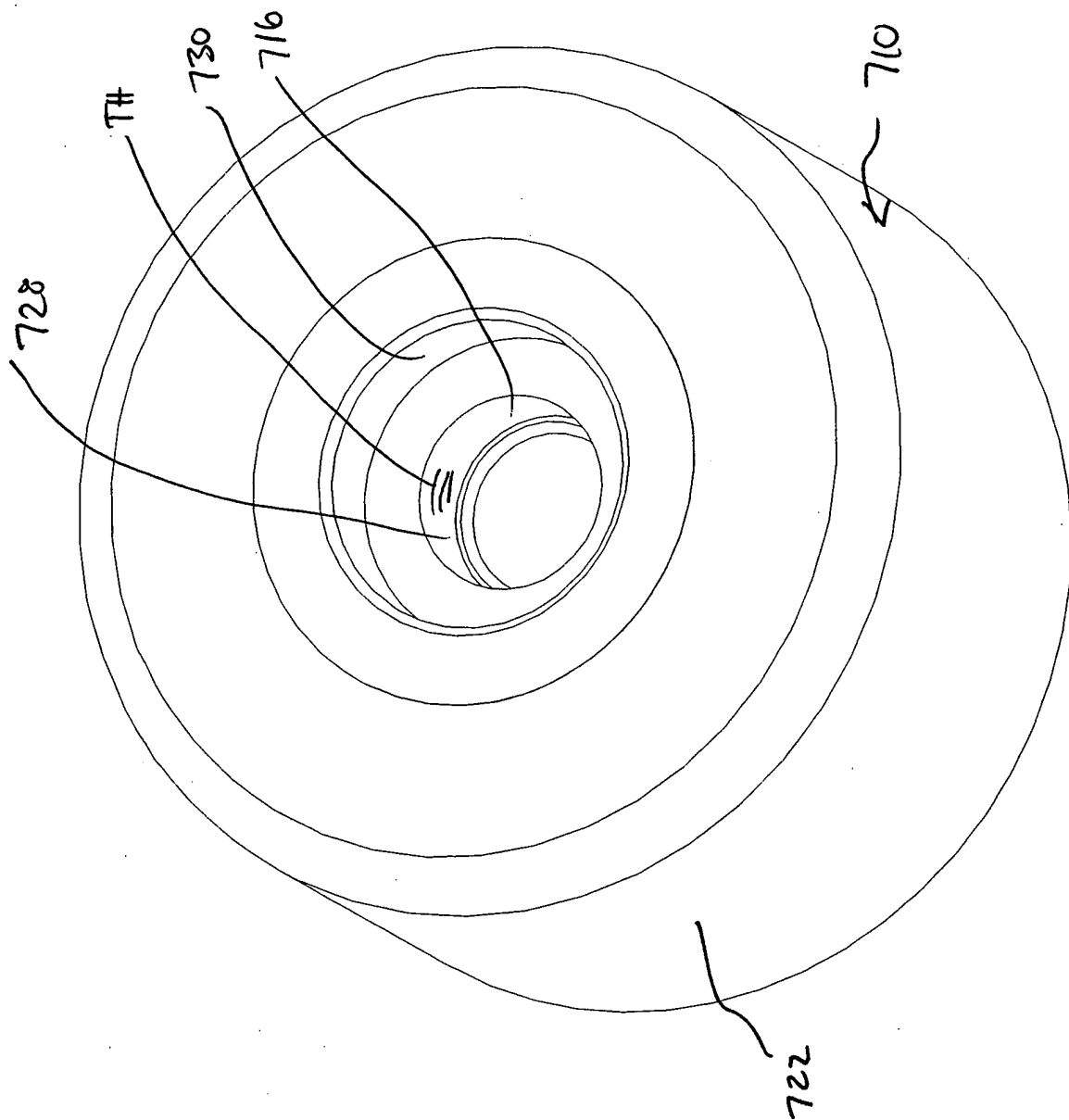


FIG. 89B

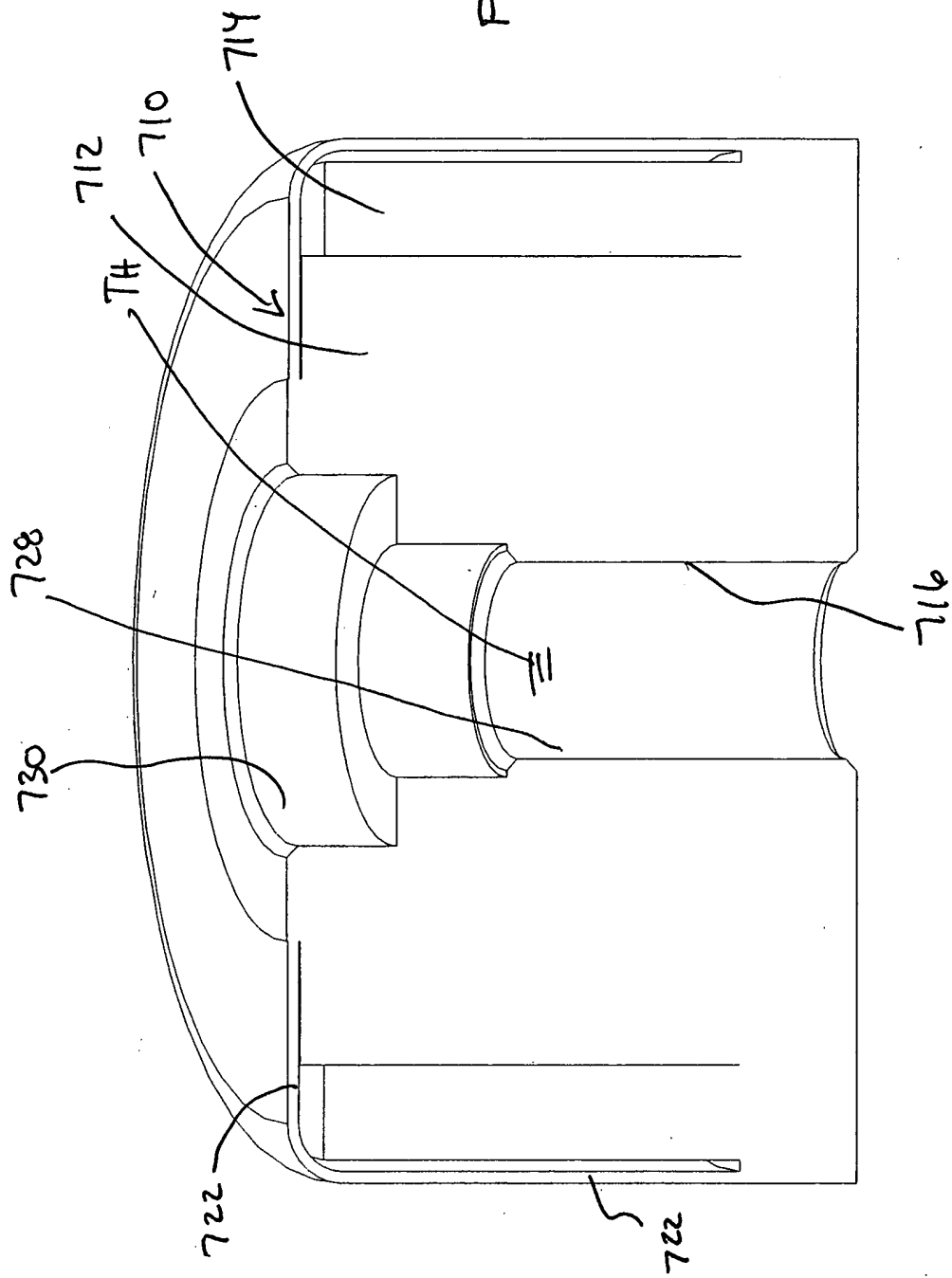
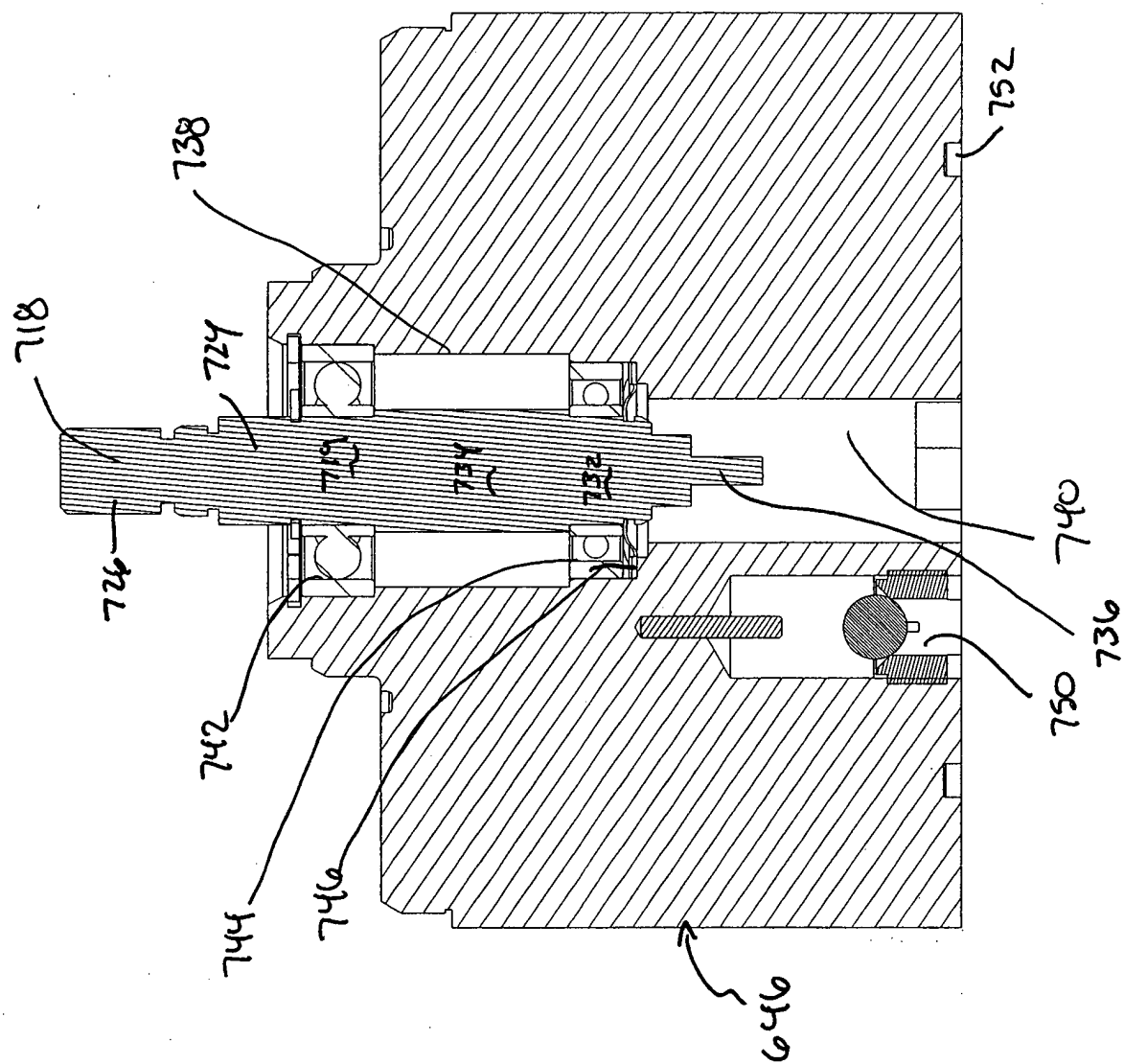




FIG. 90



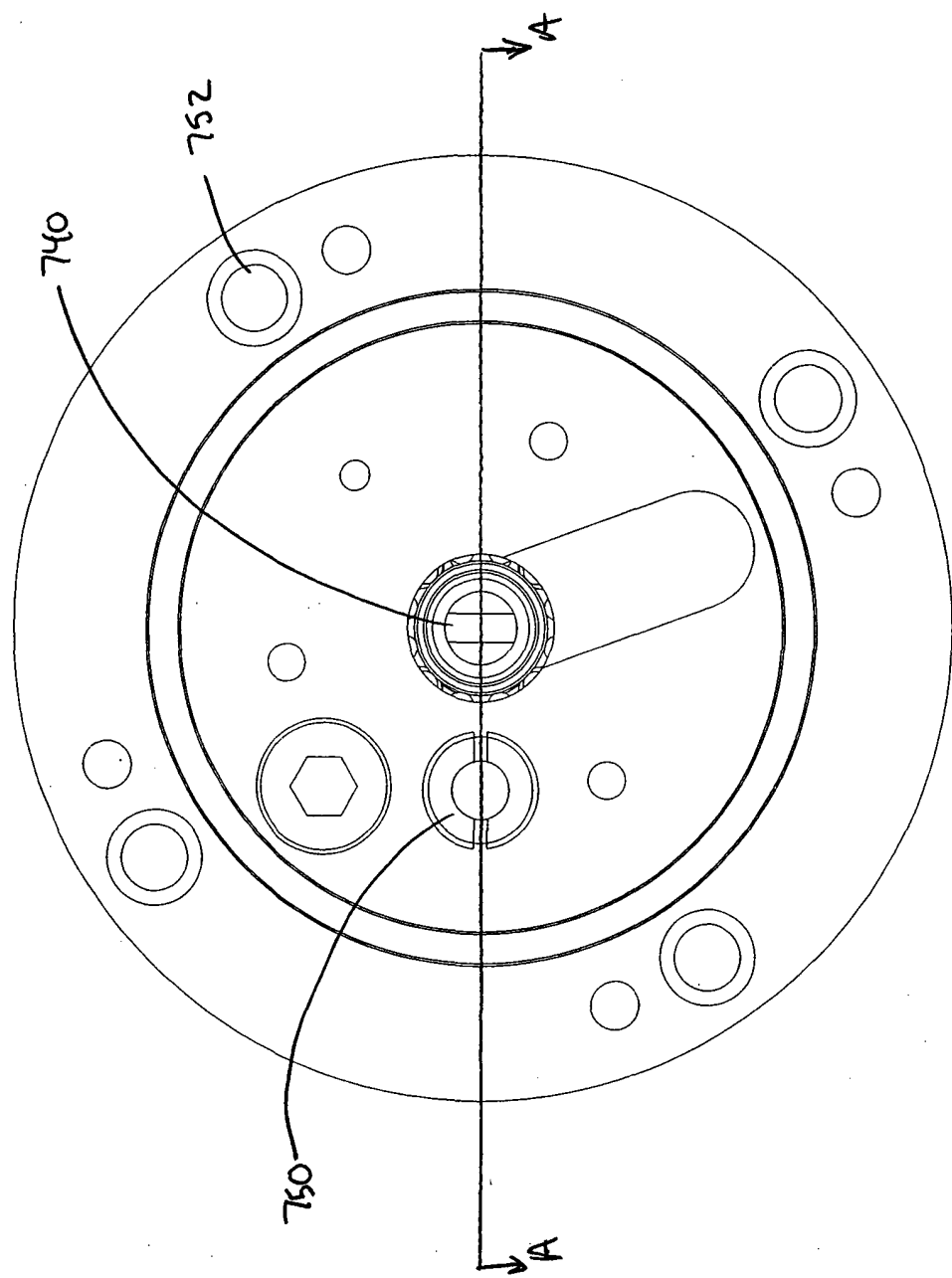
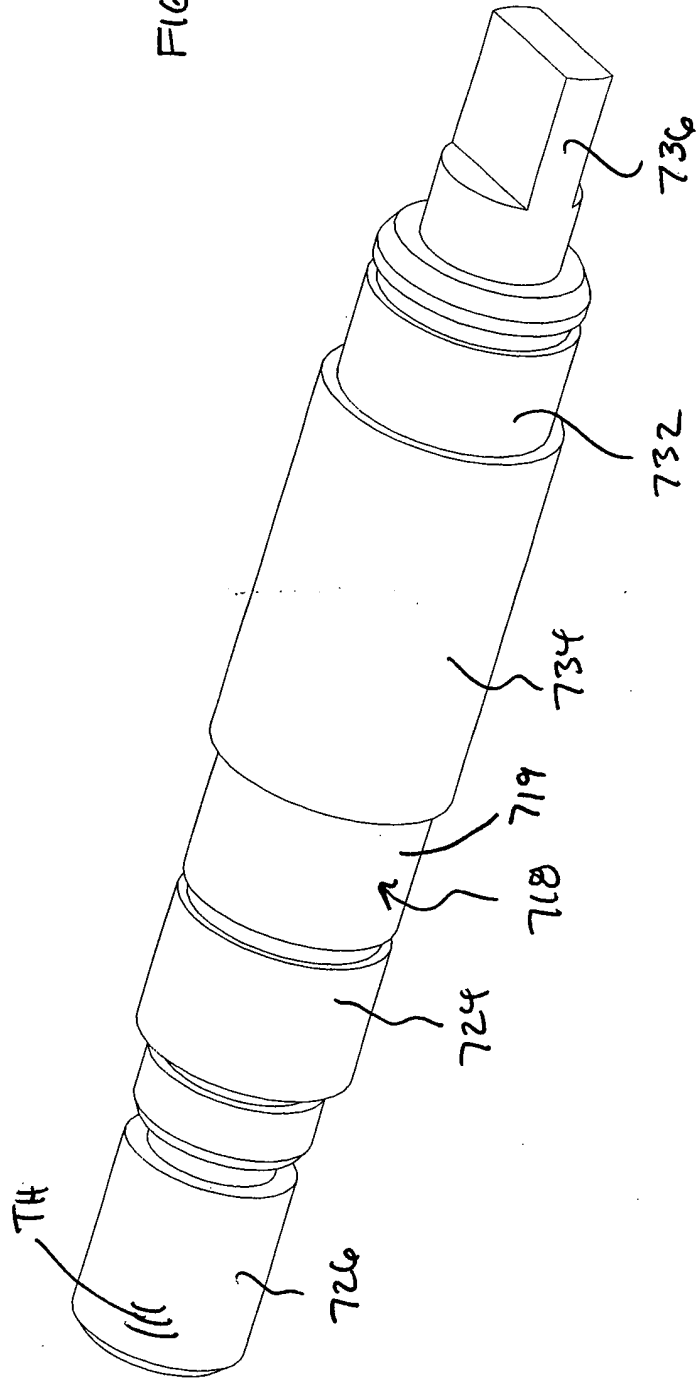


FIG. 91

FIG. 92



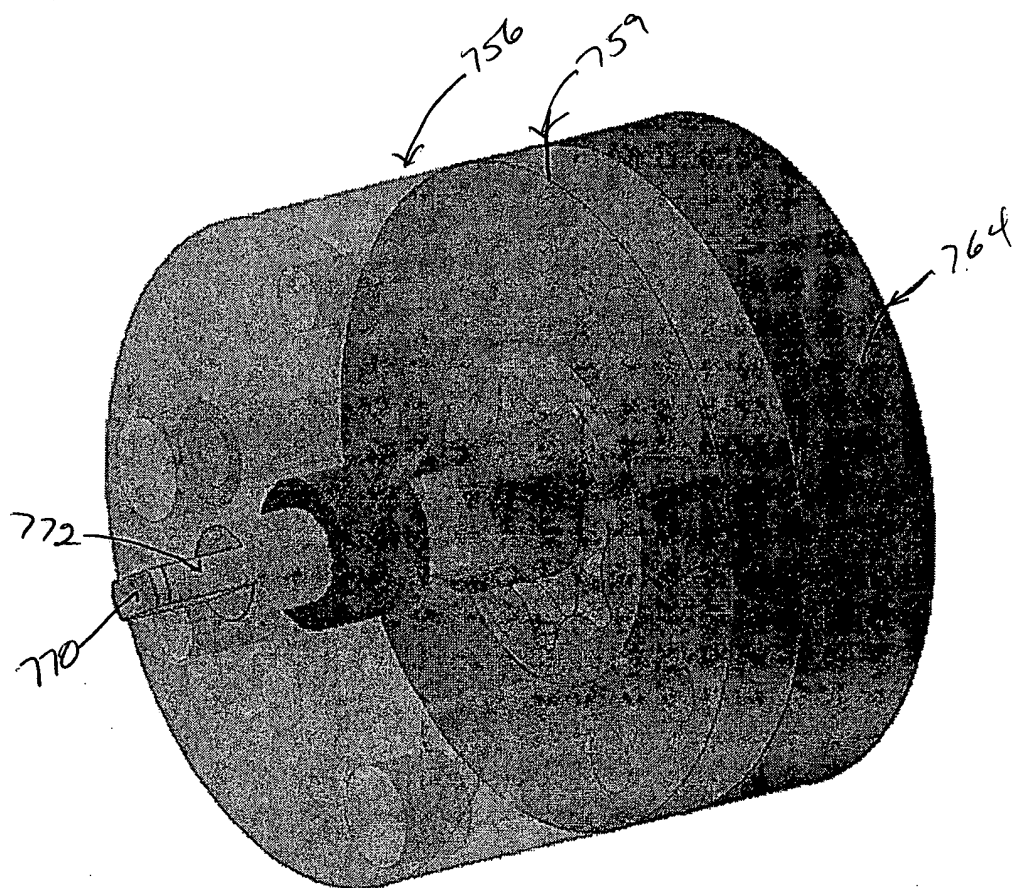


FIG. 93

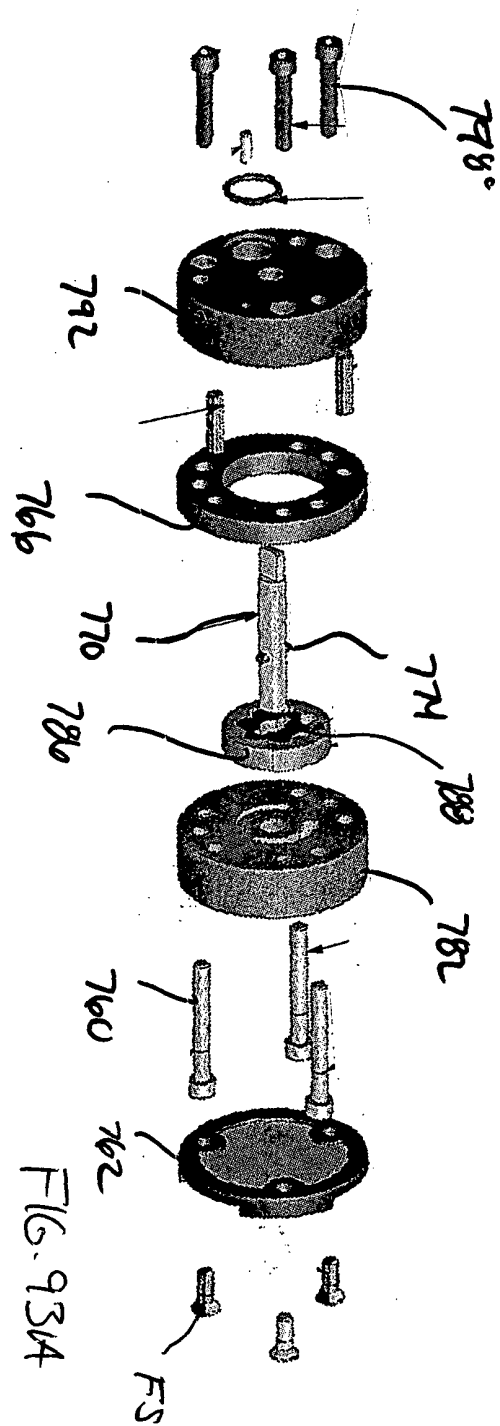


FIG. 934

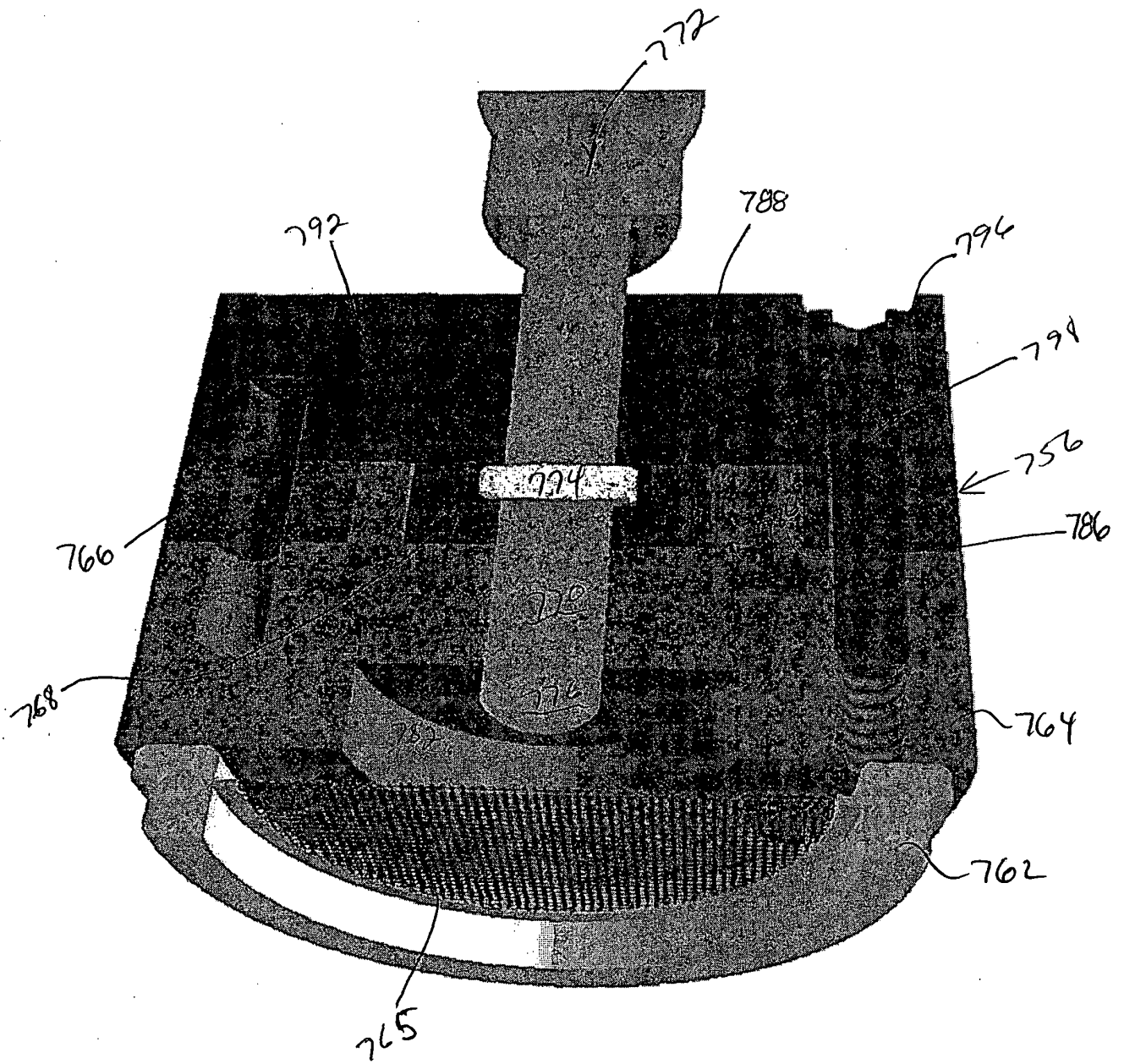


FIG. 94

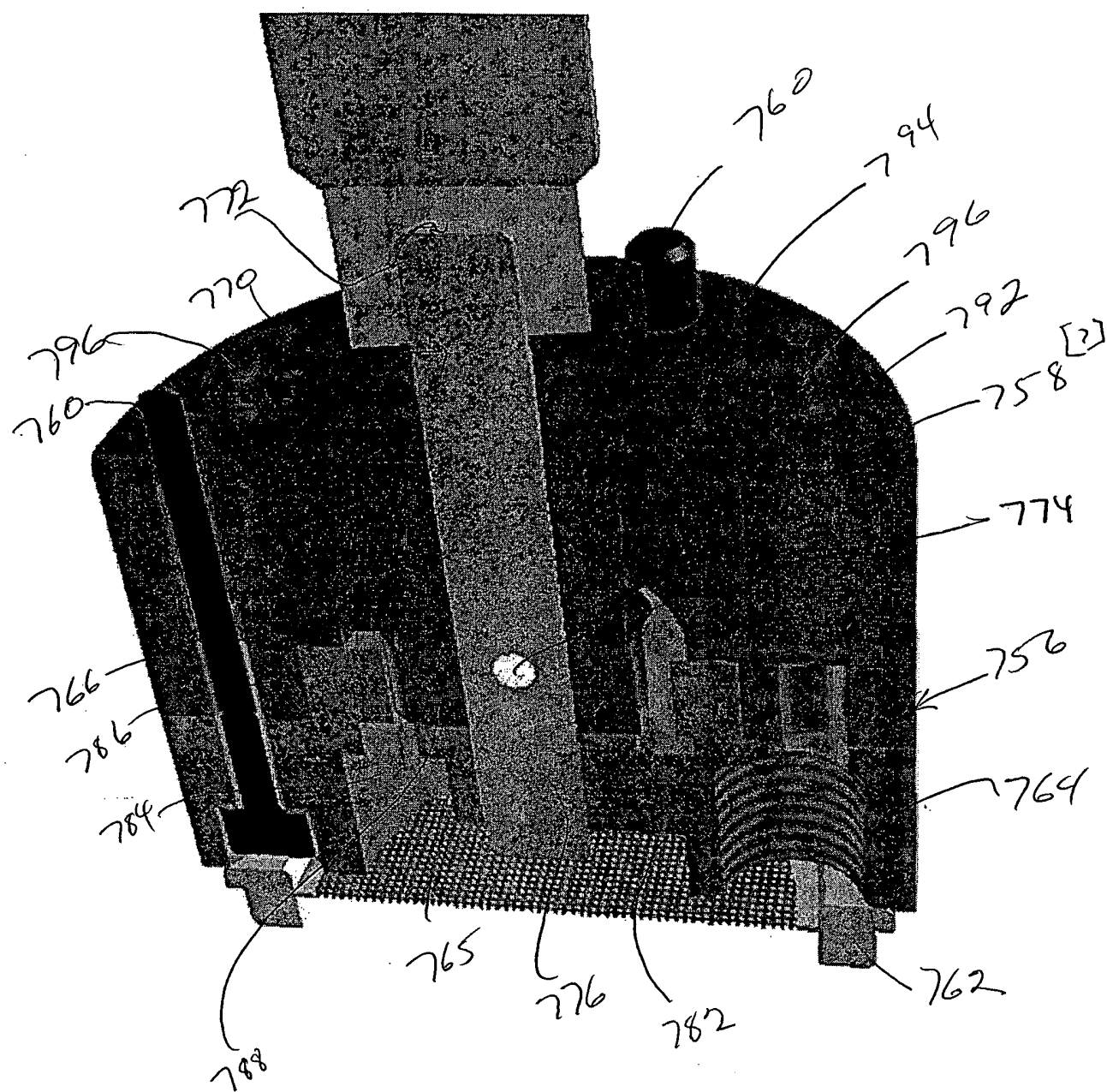
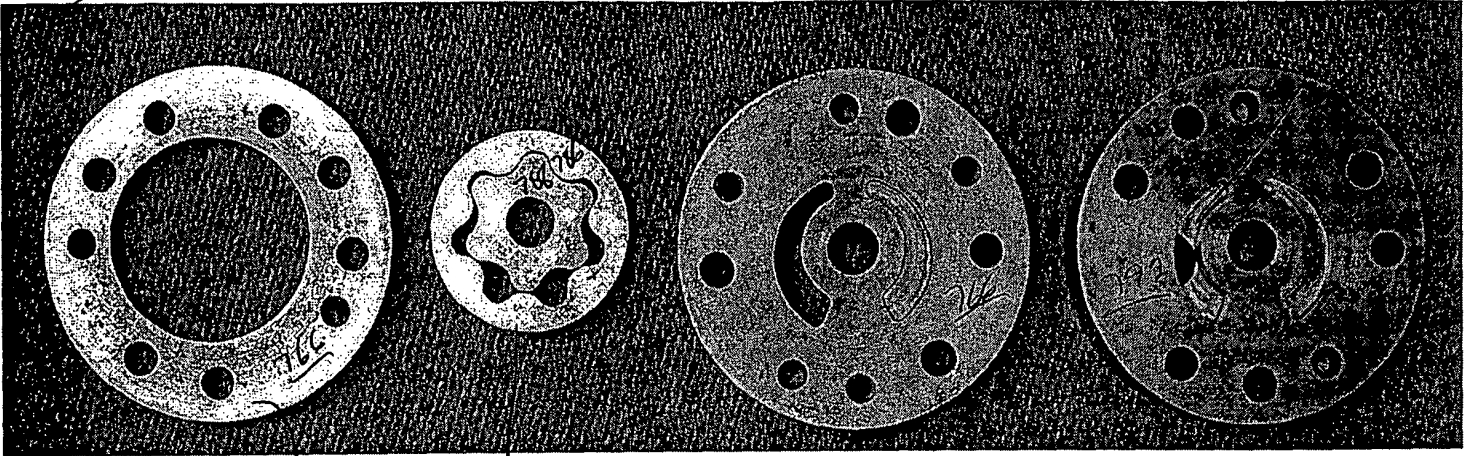


FIG. 95

FIG. 96

794



766

768



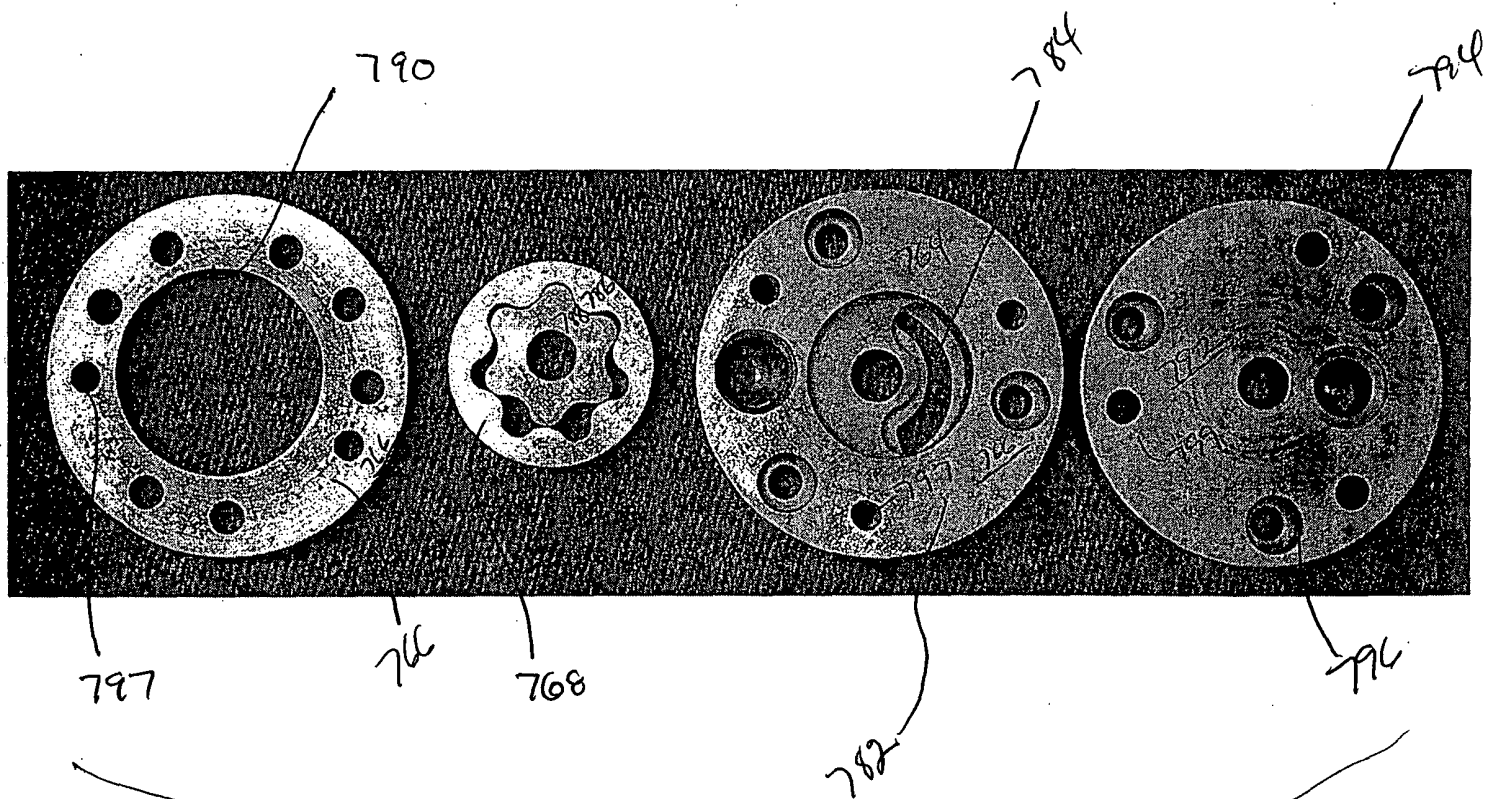


FIG. 97

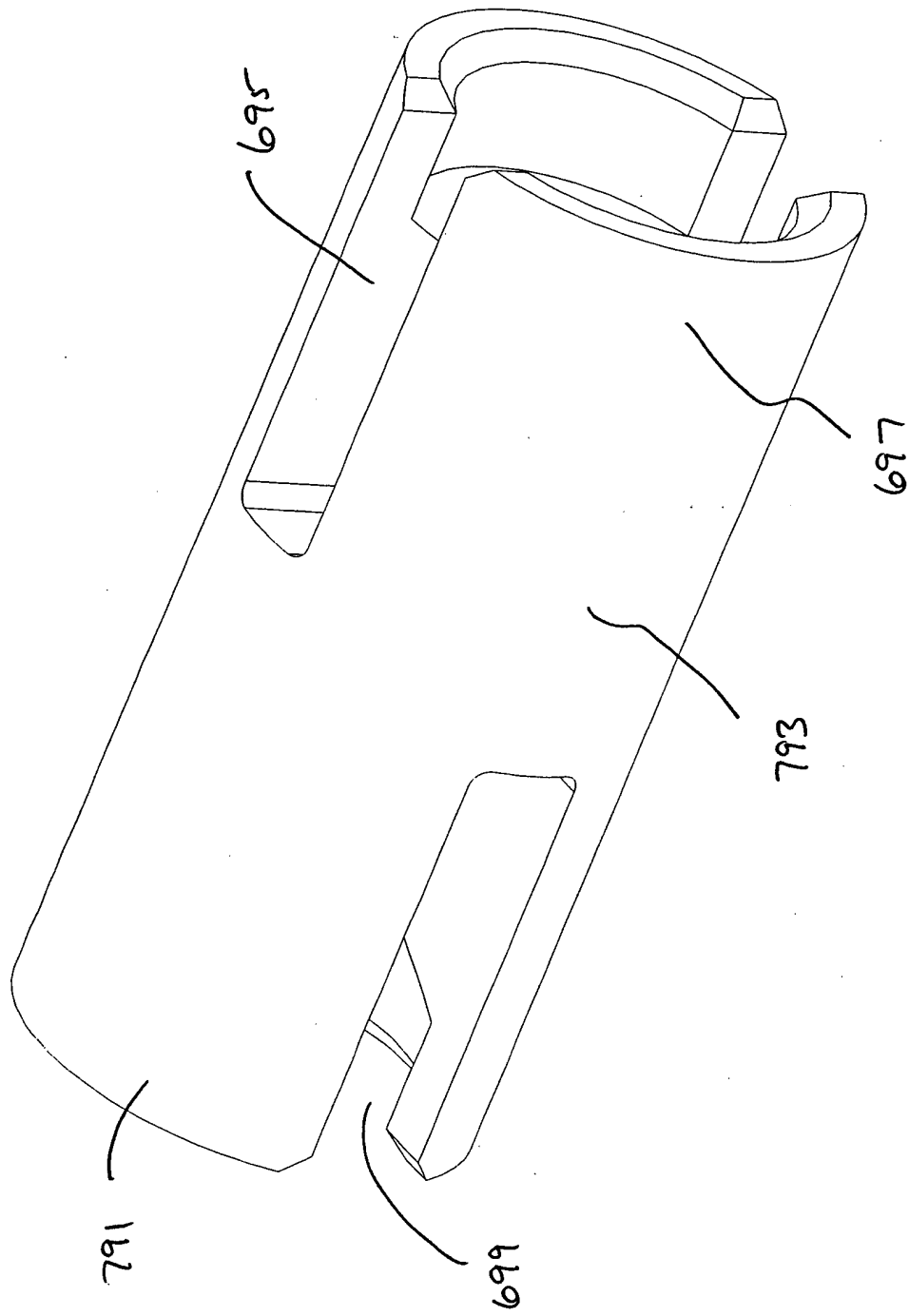


FIG. 98

FIG. 99

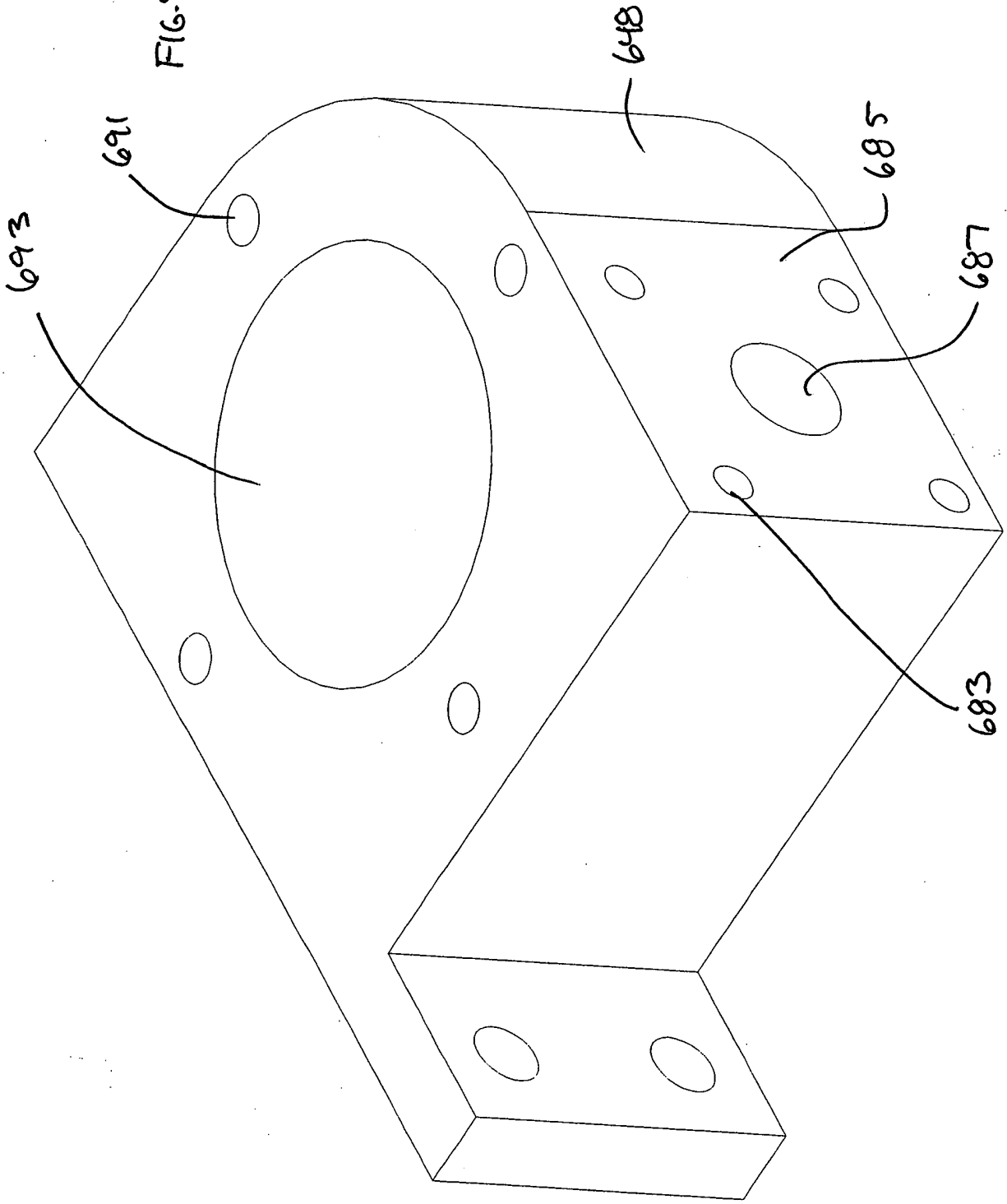
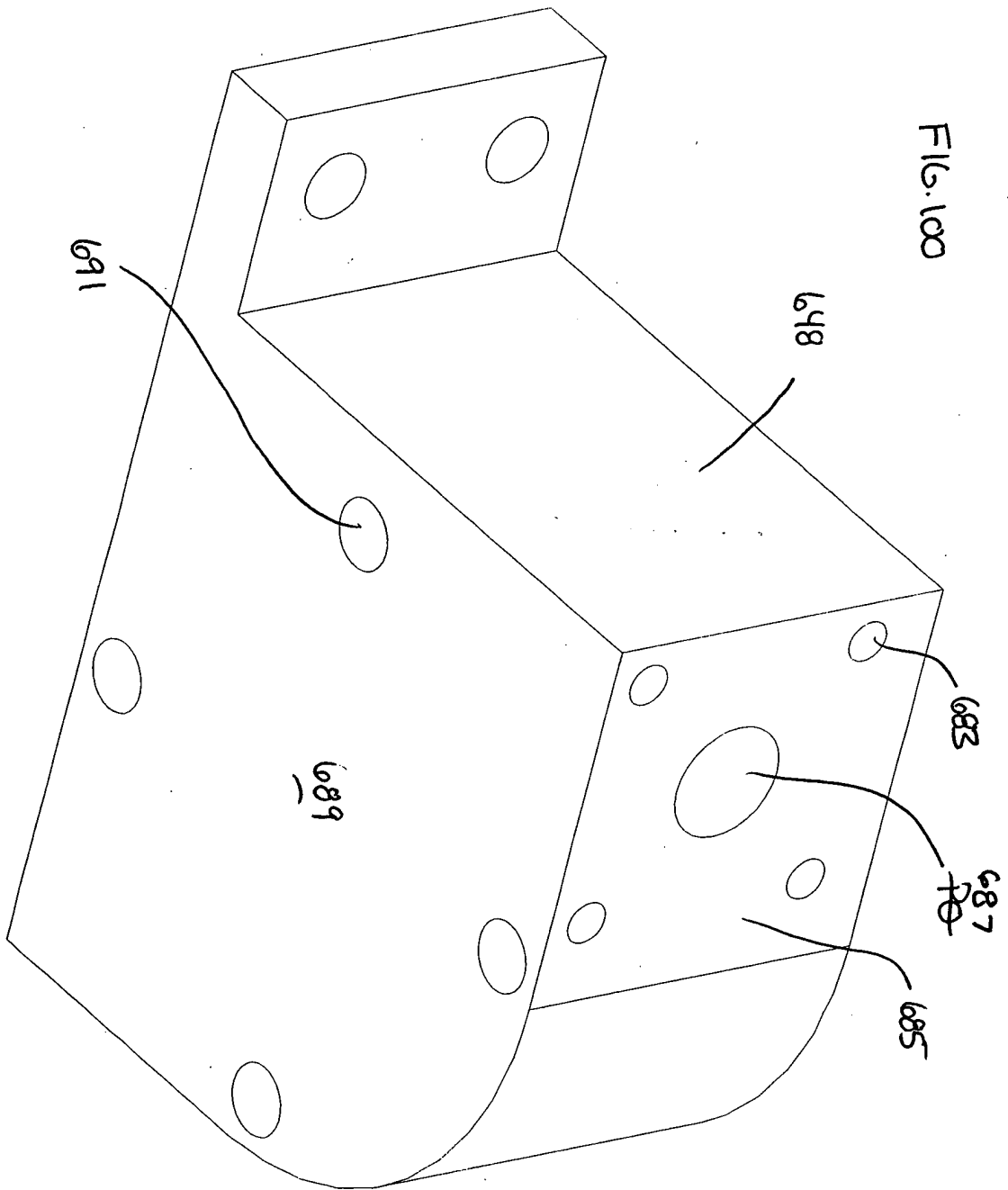
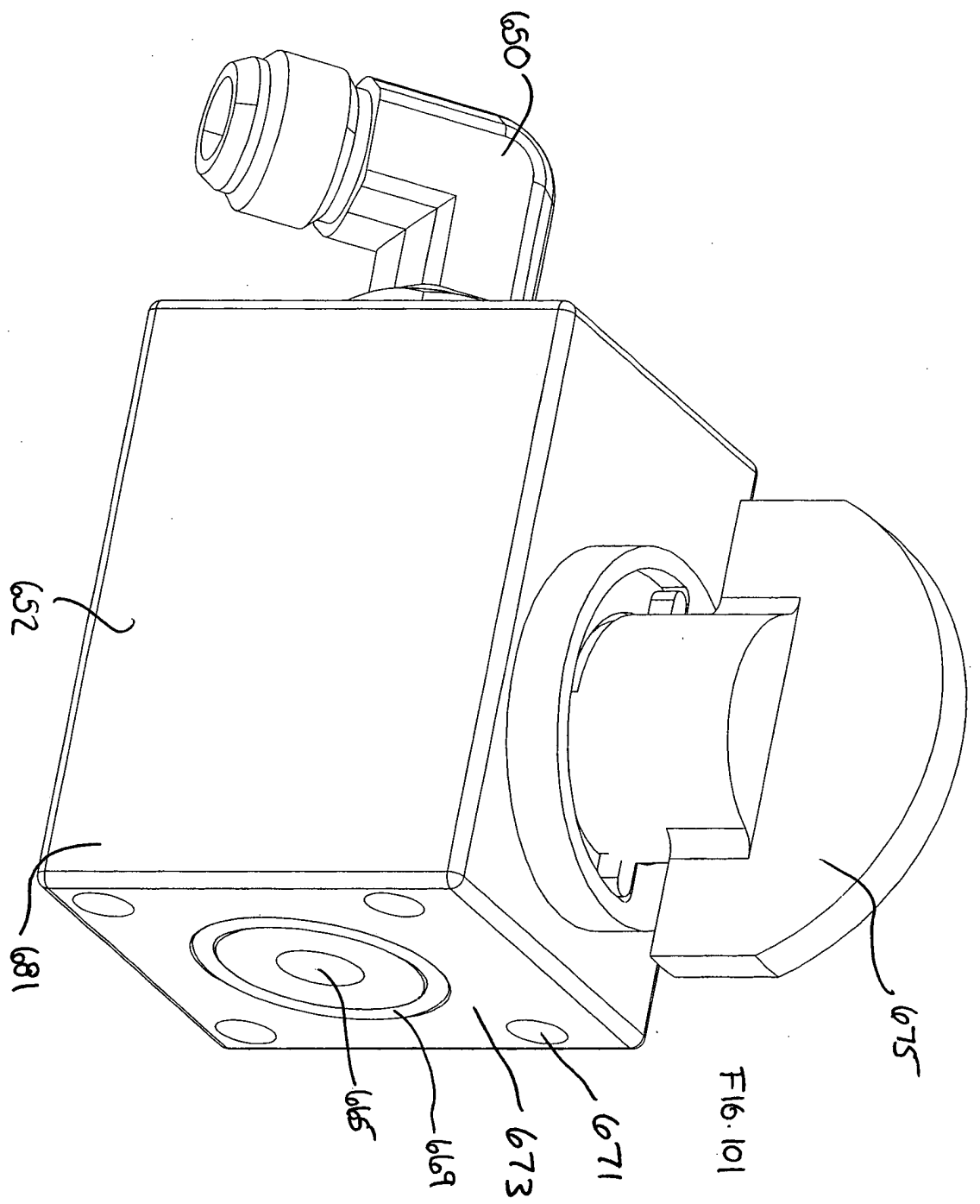


FIG. 100





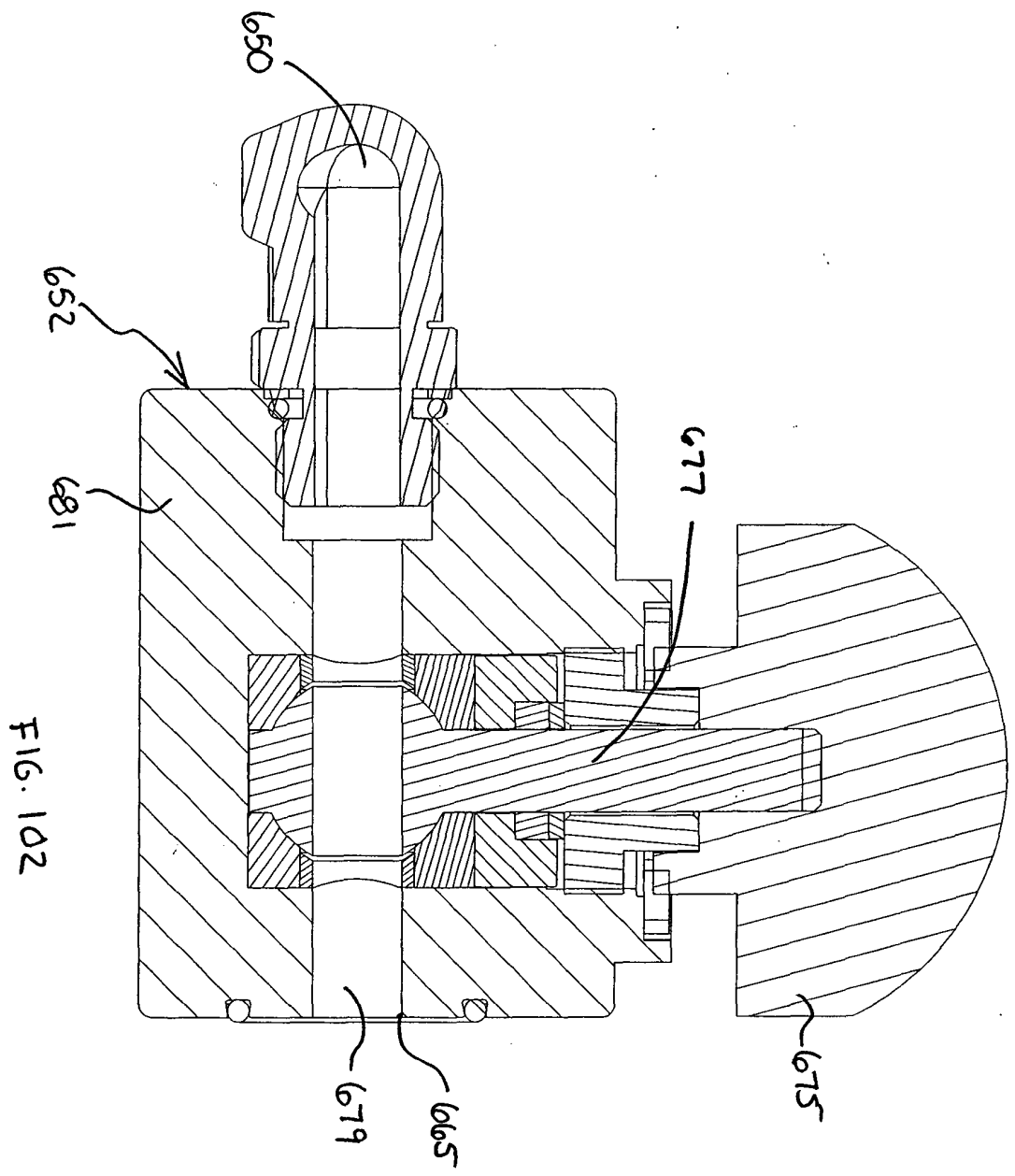
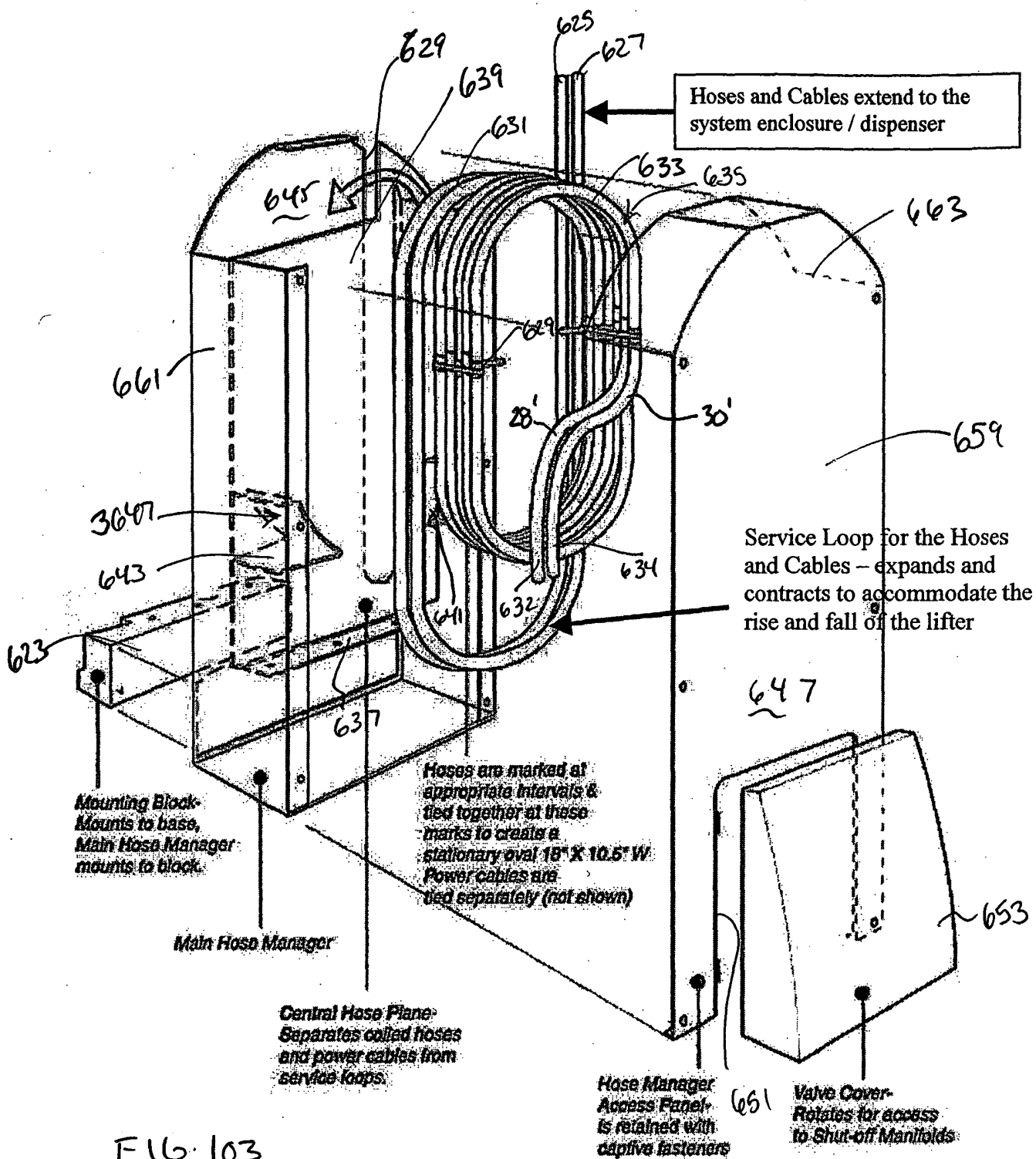


FIG. 102



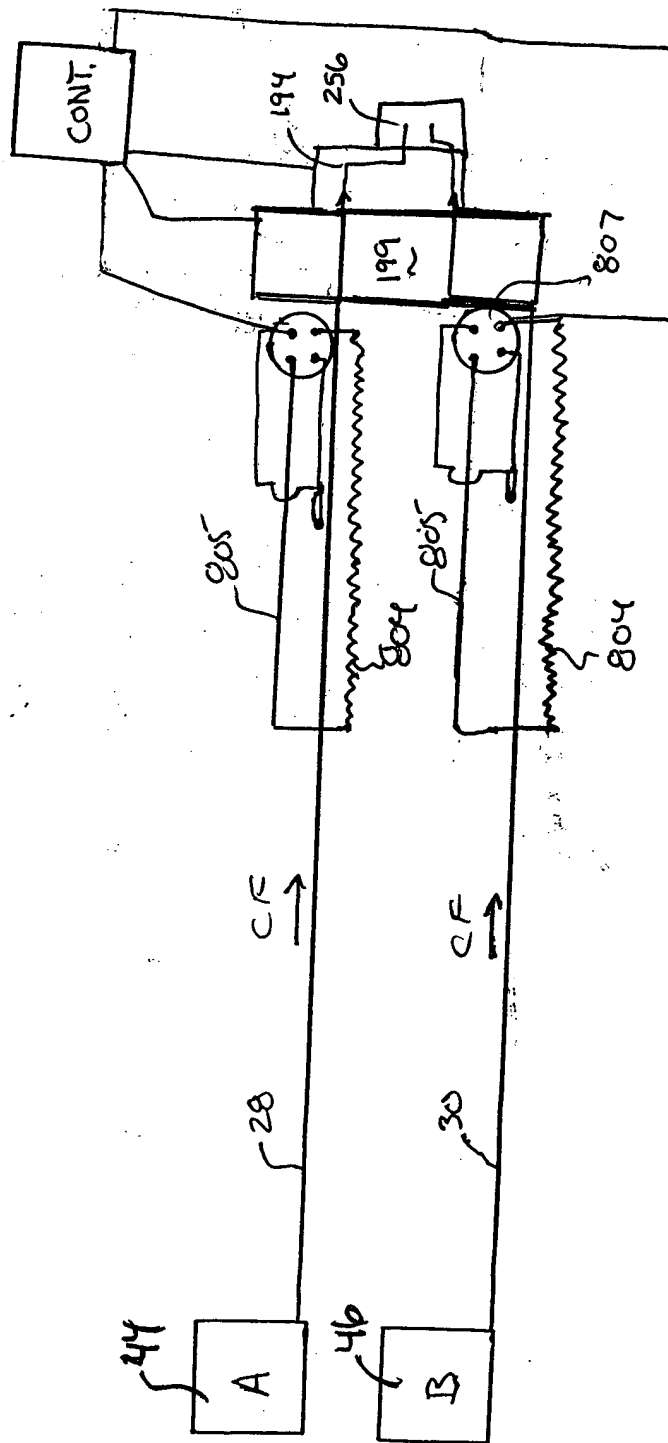


FIG. 104



FIG. 10S

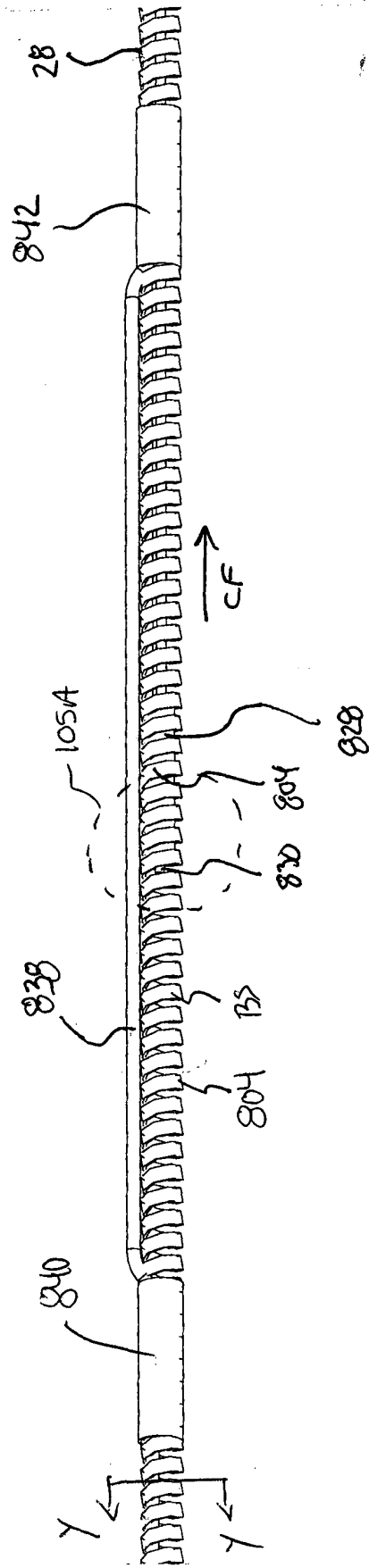


FIG. 105A

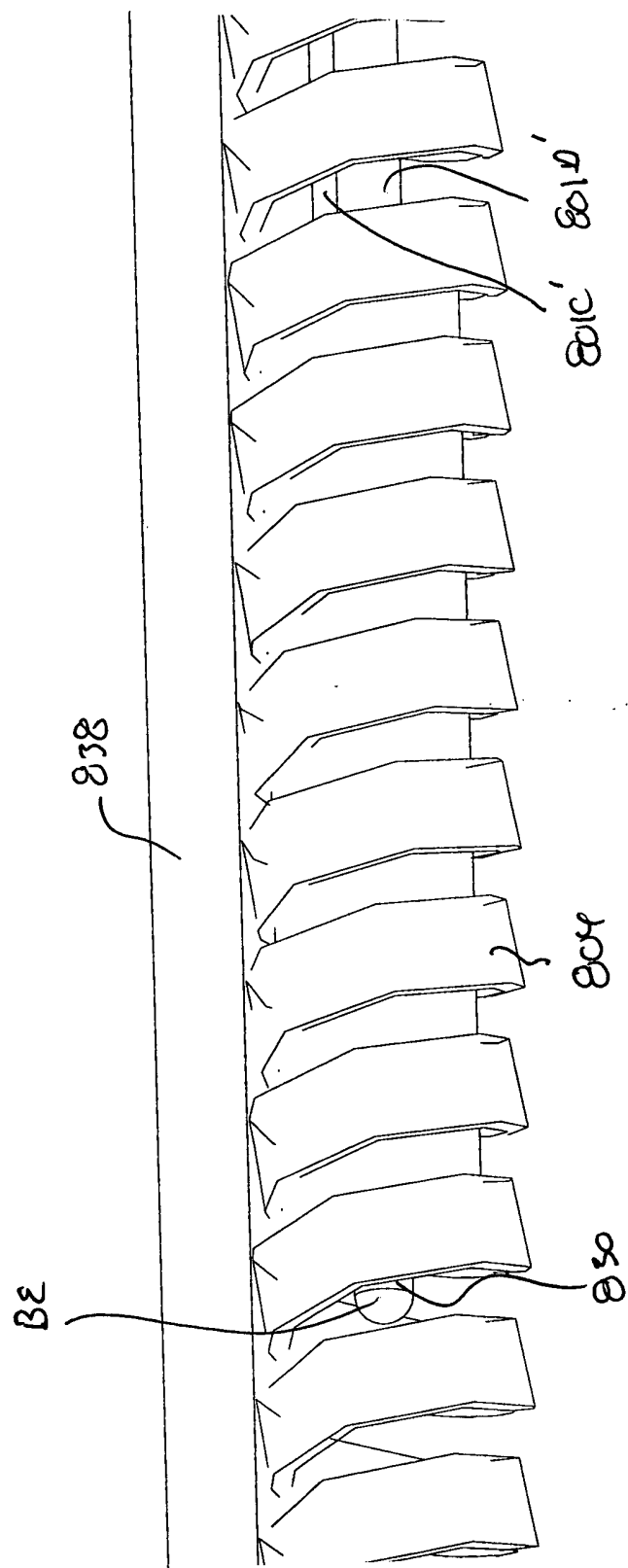


FIG. 106

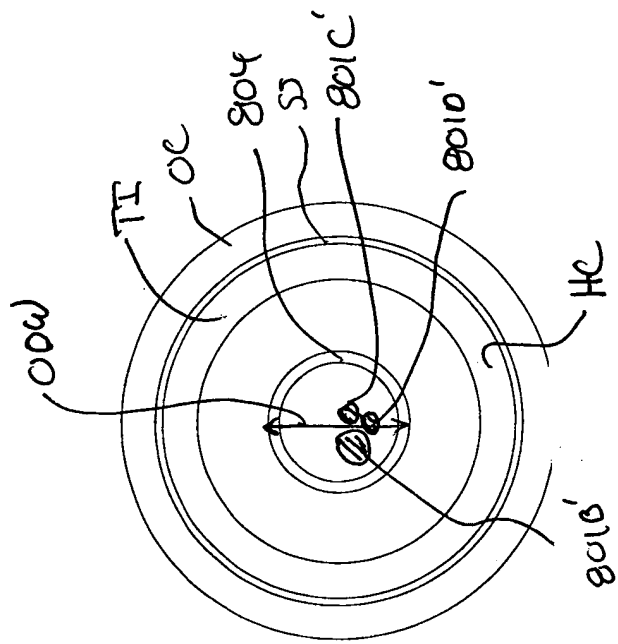
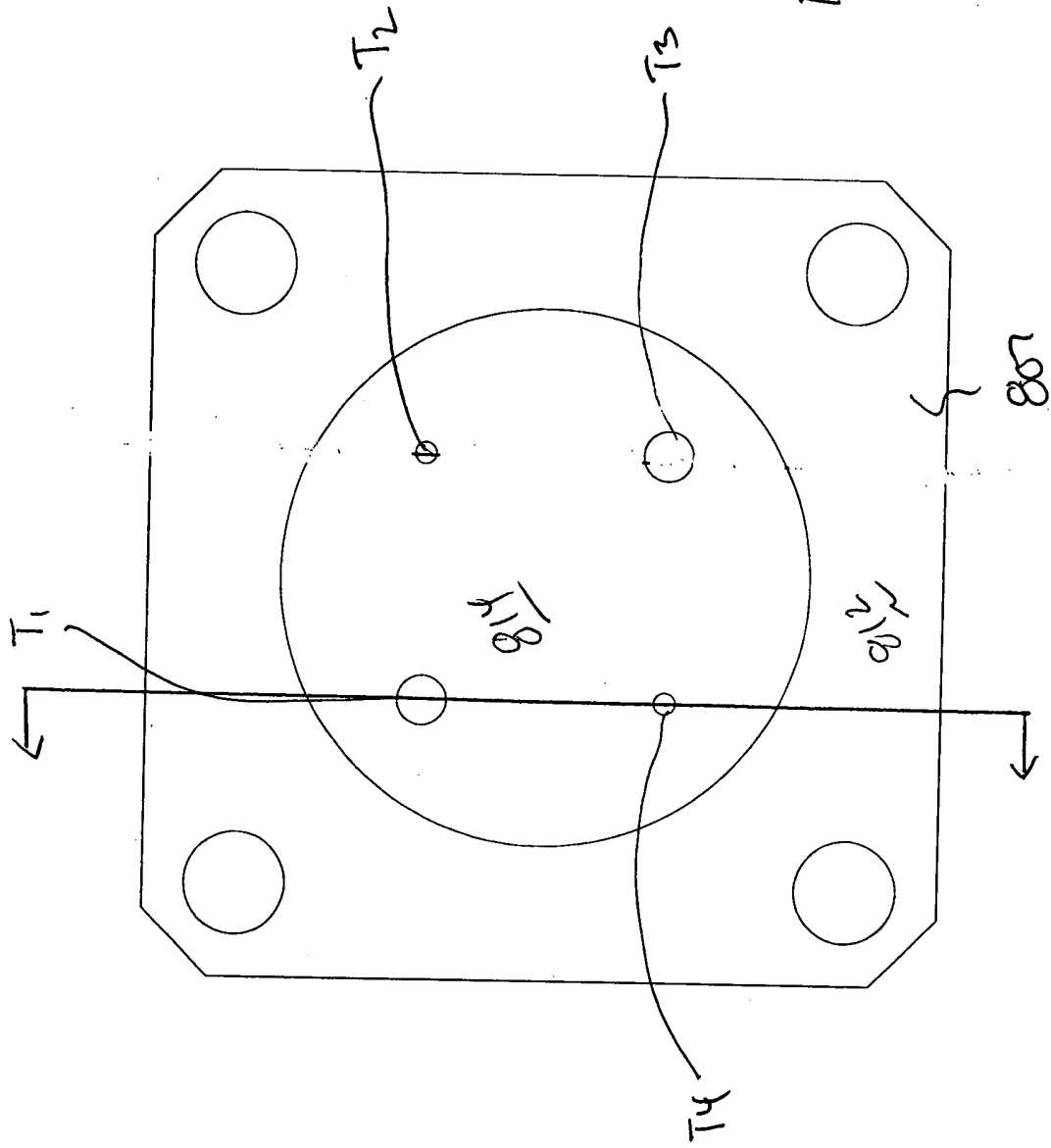


FIG. 107



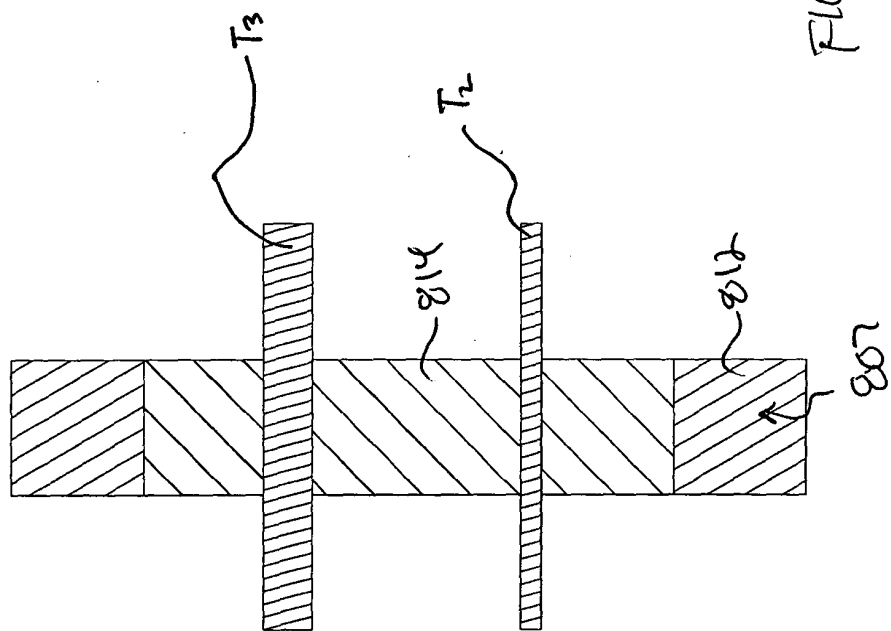


FIG. 108

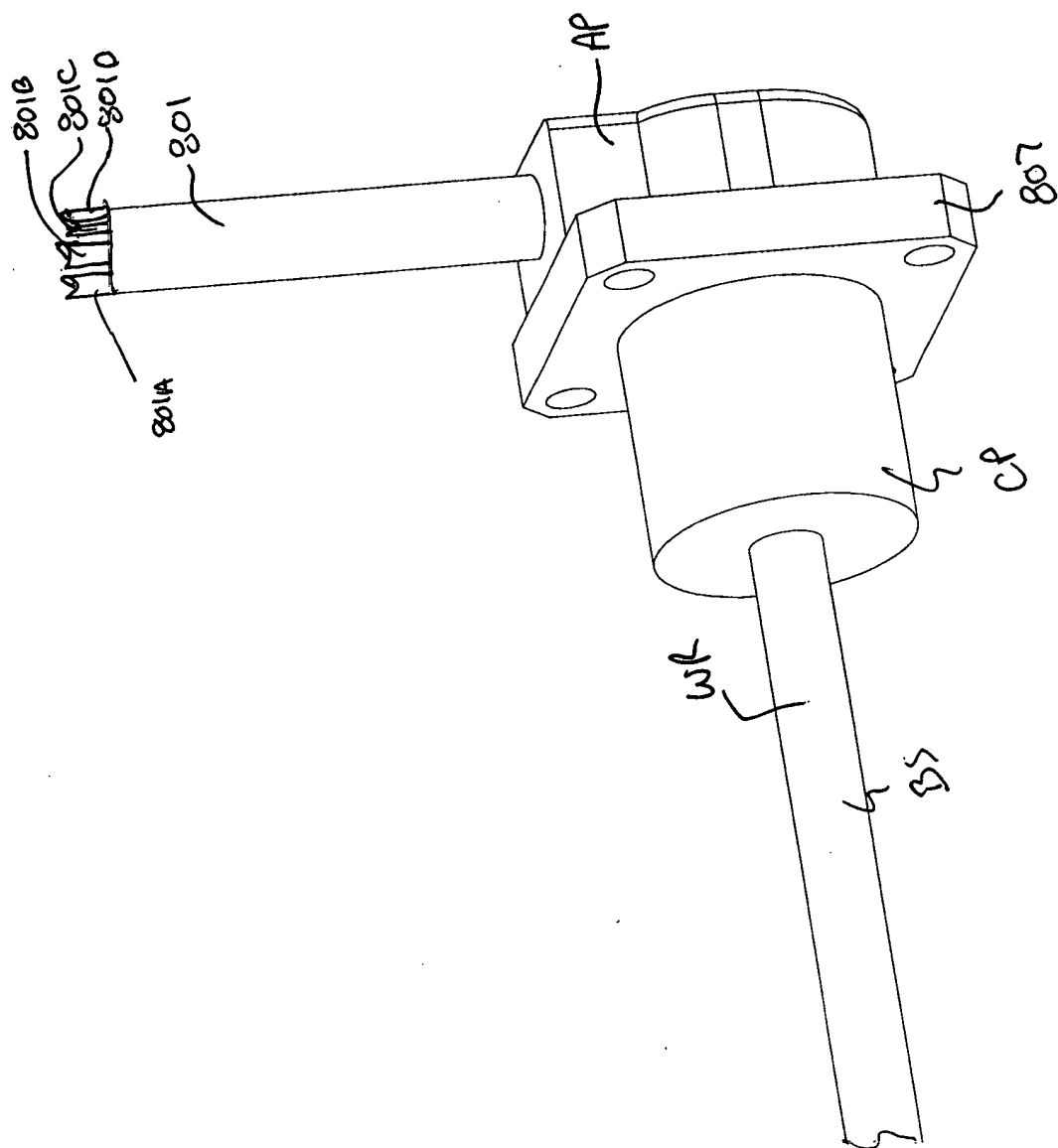
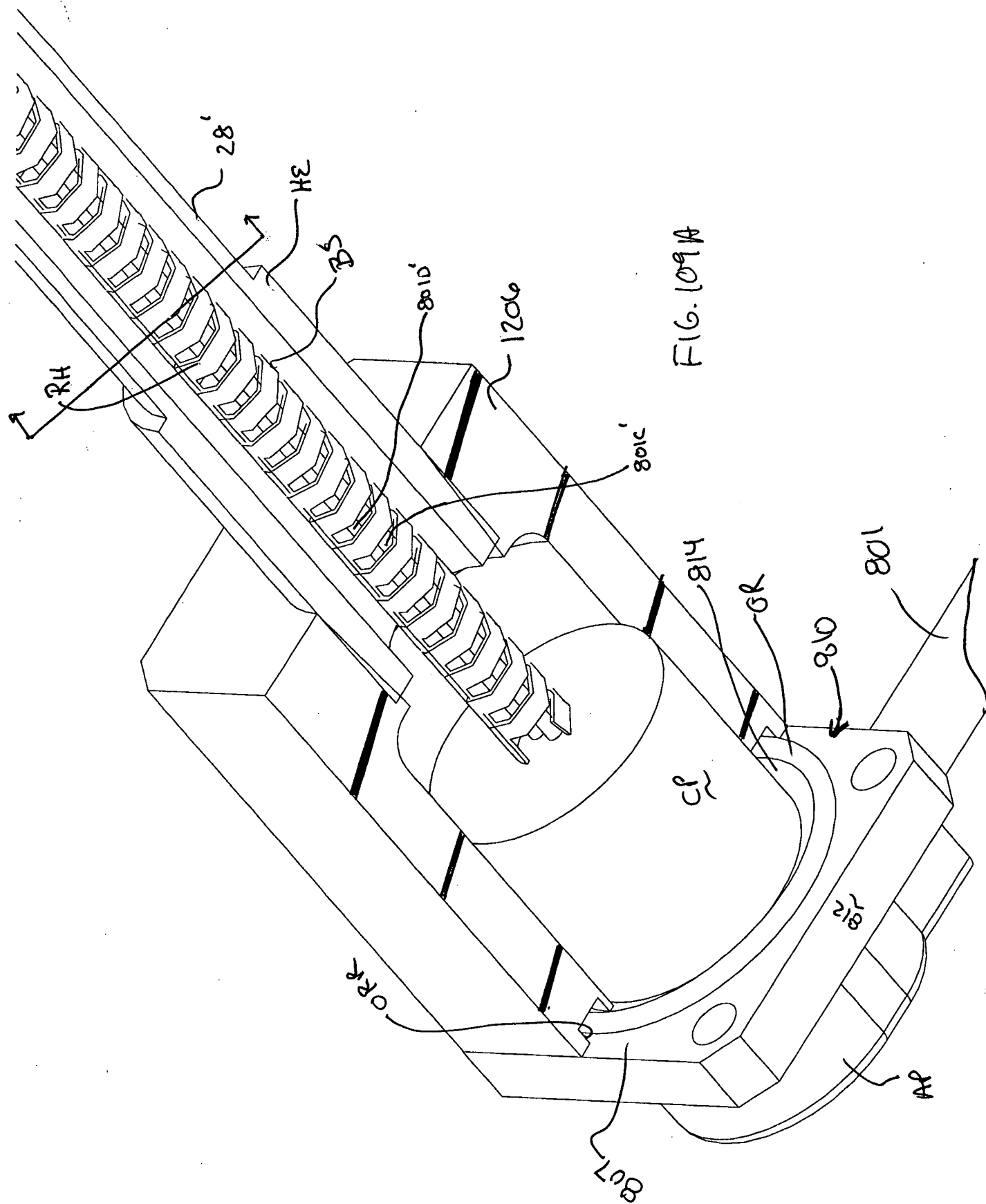
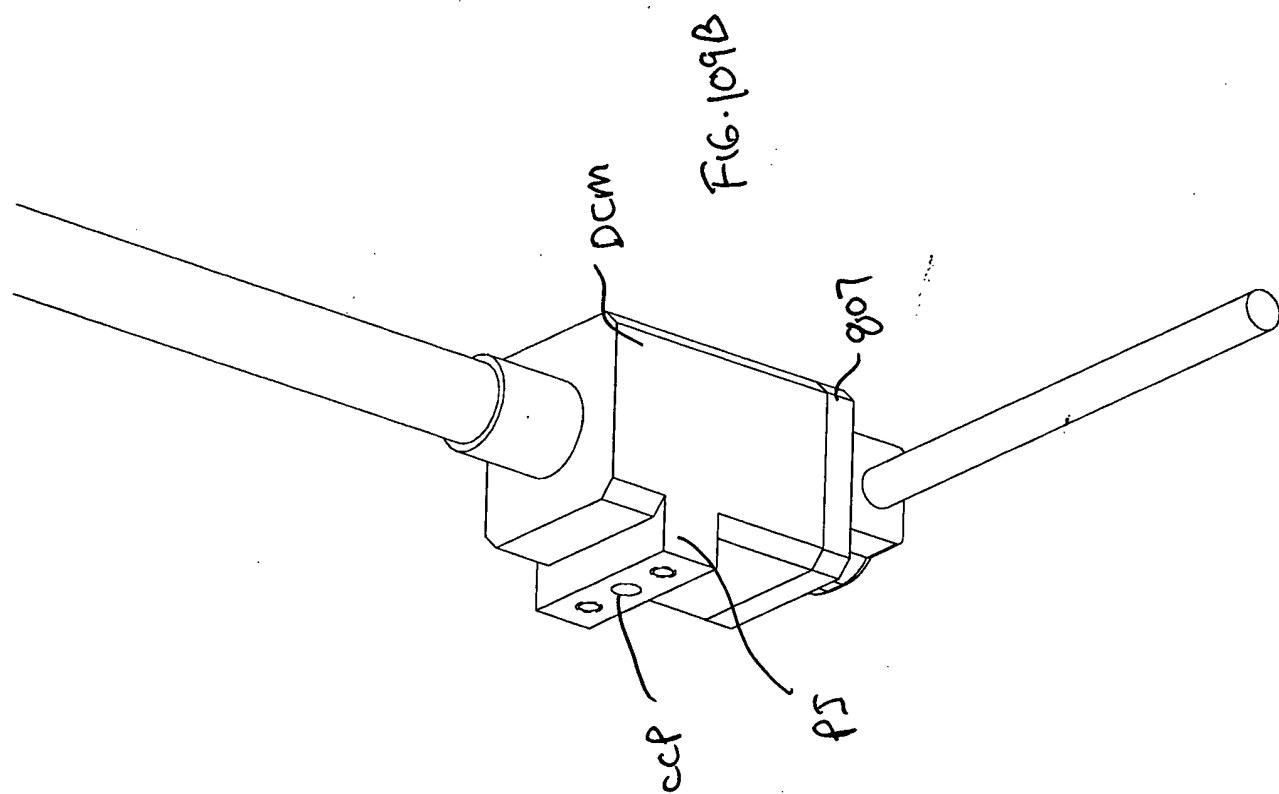
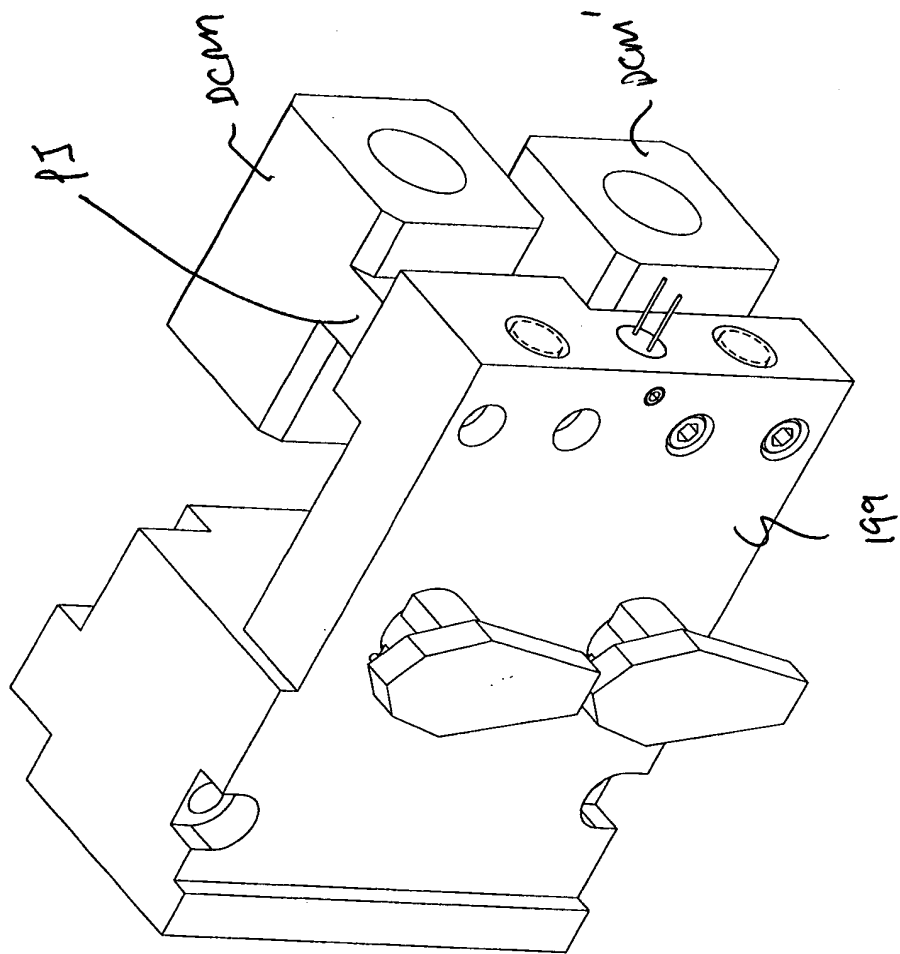


Fig. 109









109C

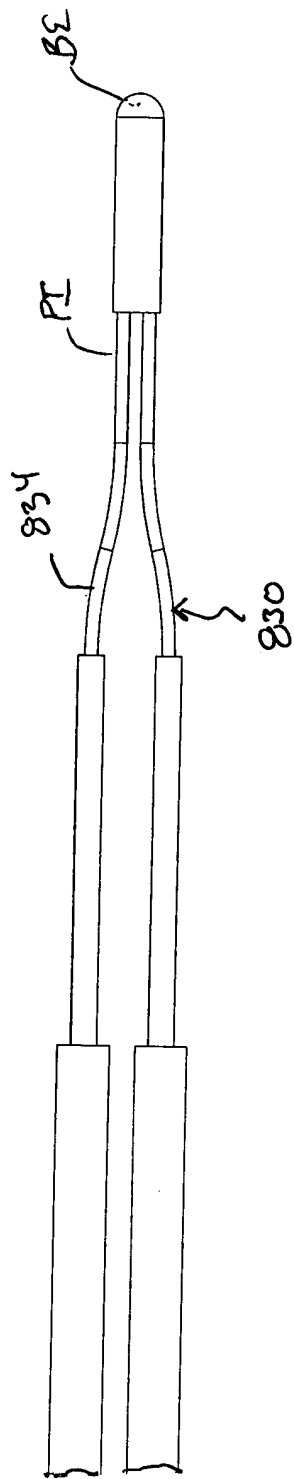


FIG. 110

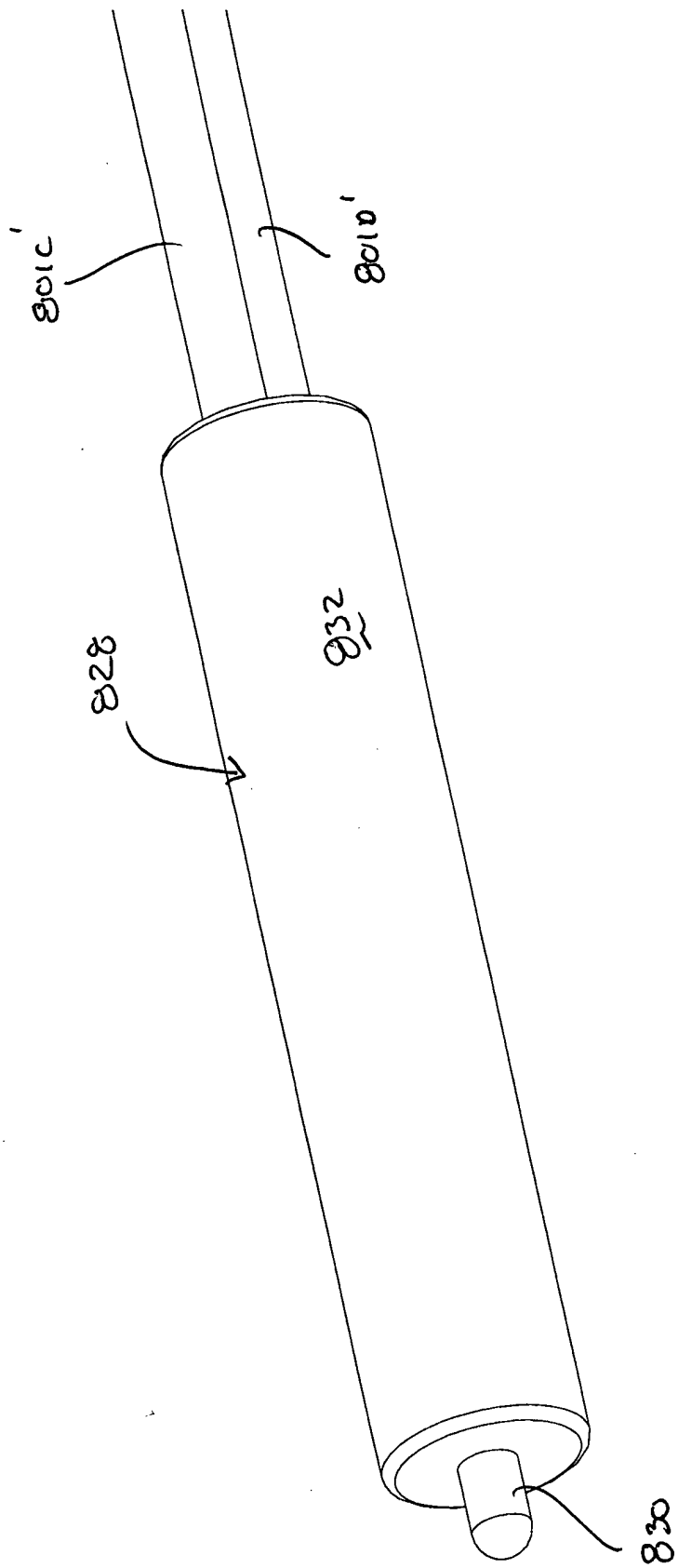


FIG. 110A

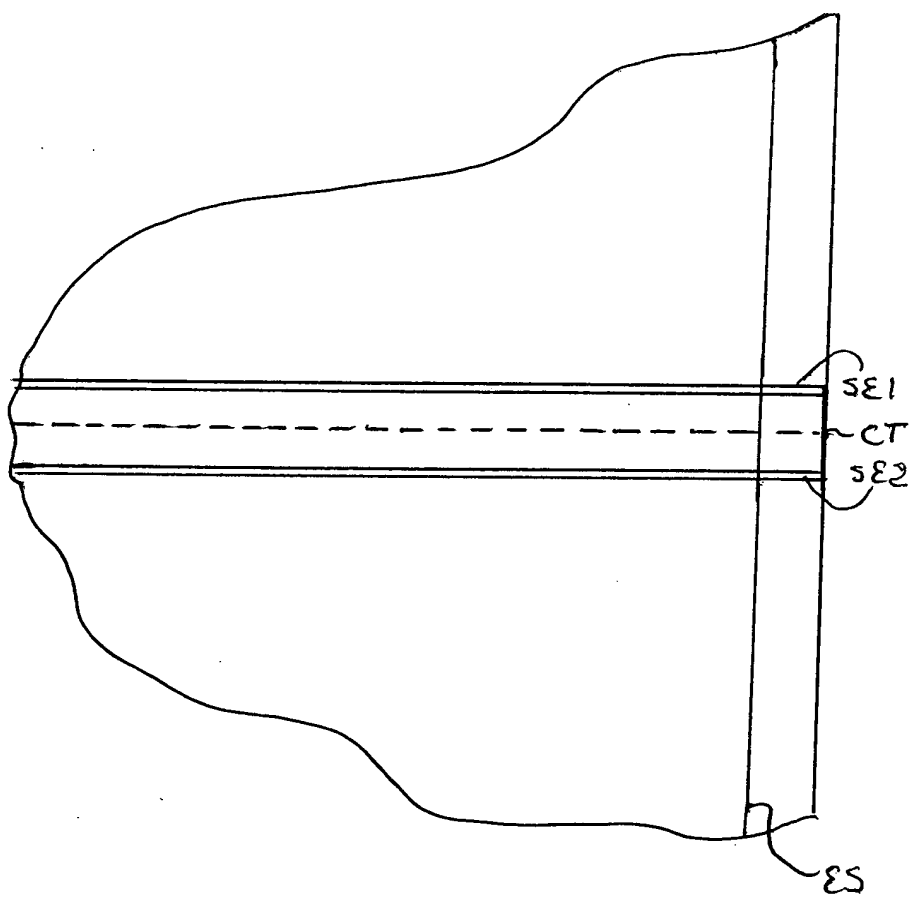


FIG. III

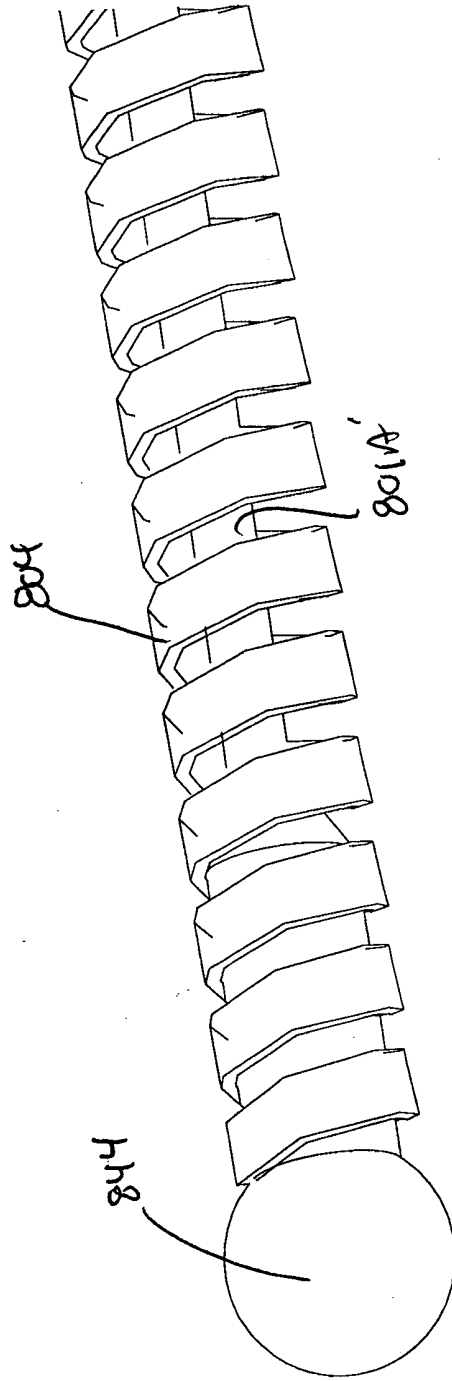


FIG. 112

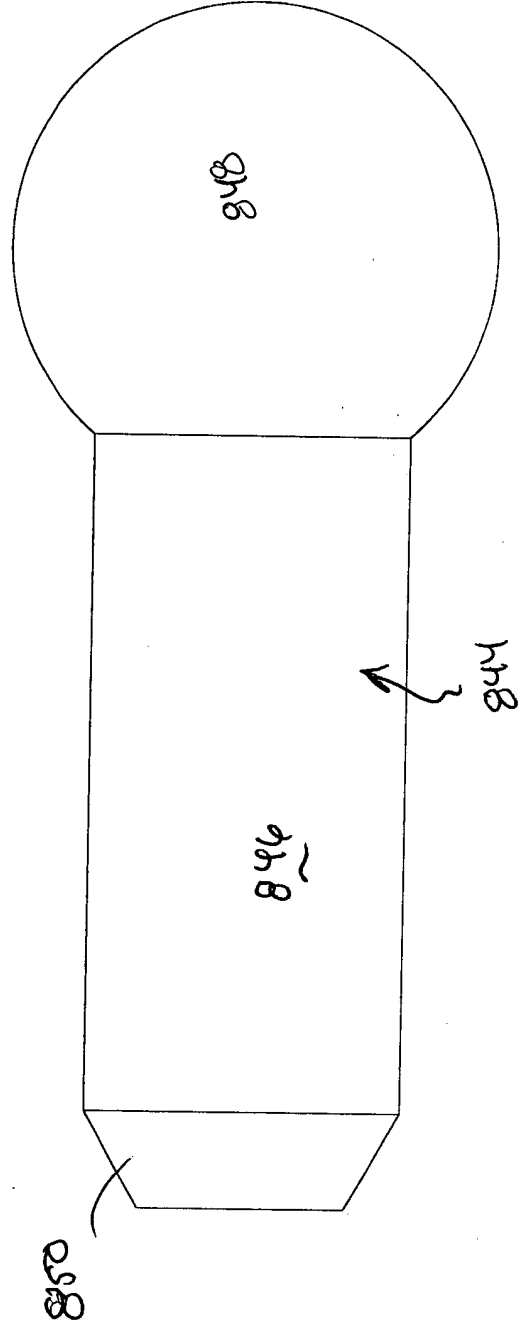


FIG. 113

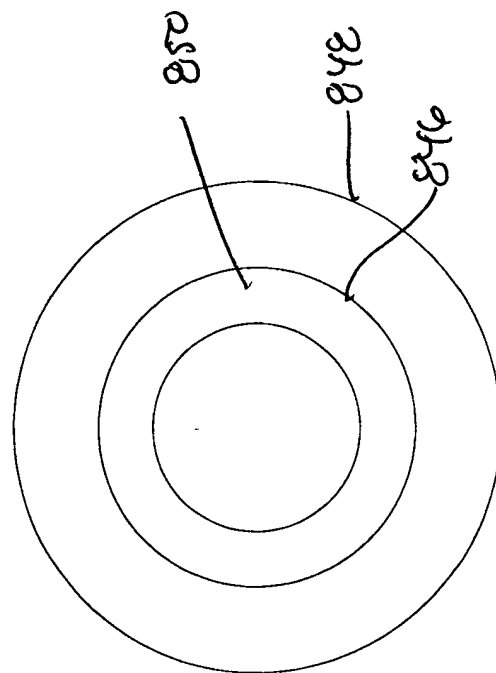


FIG. 113A

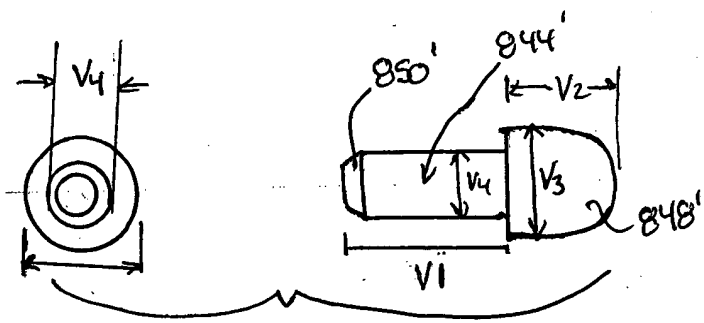
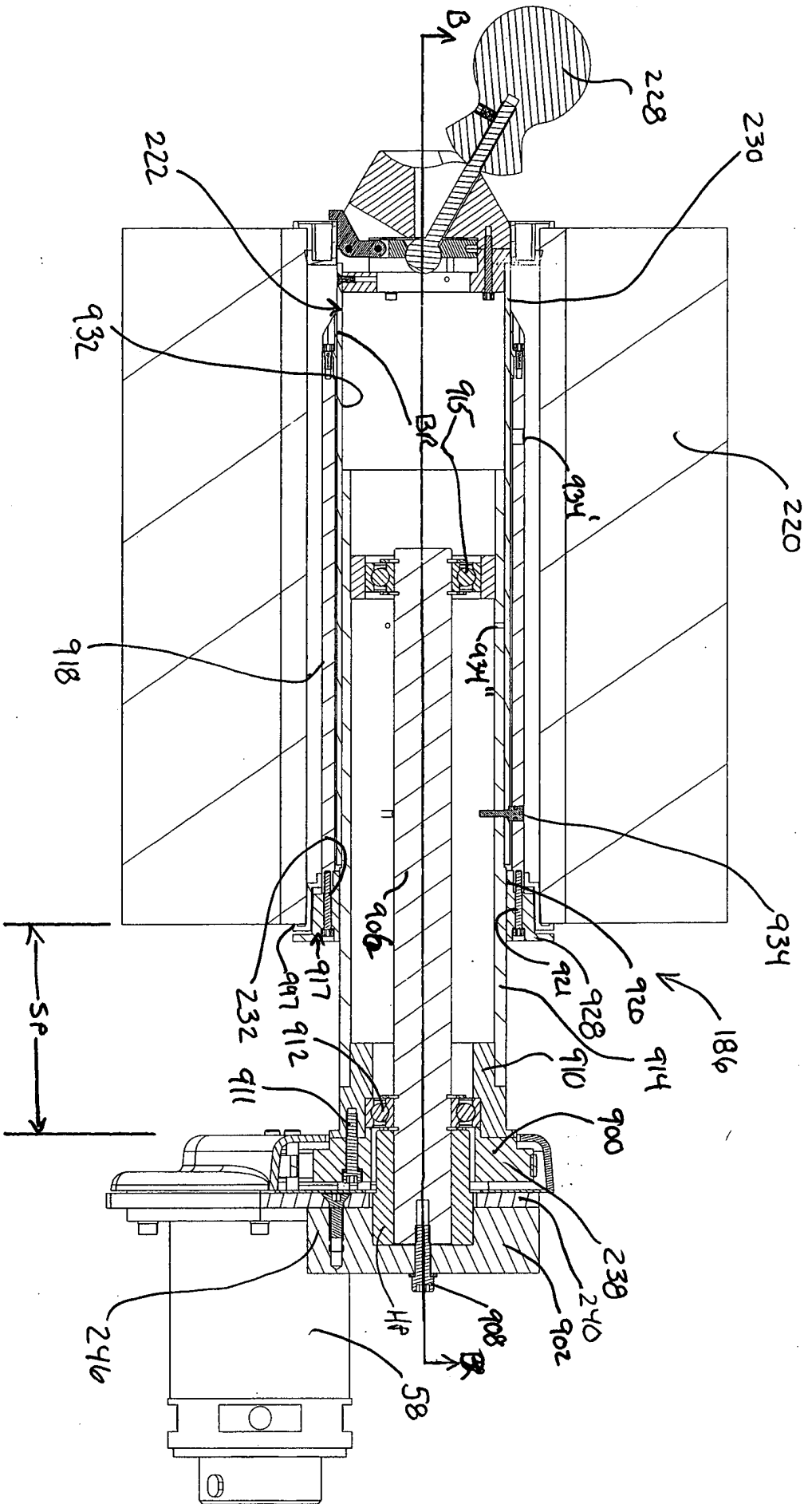
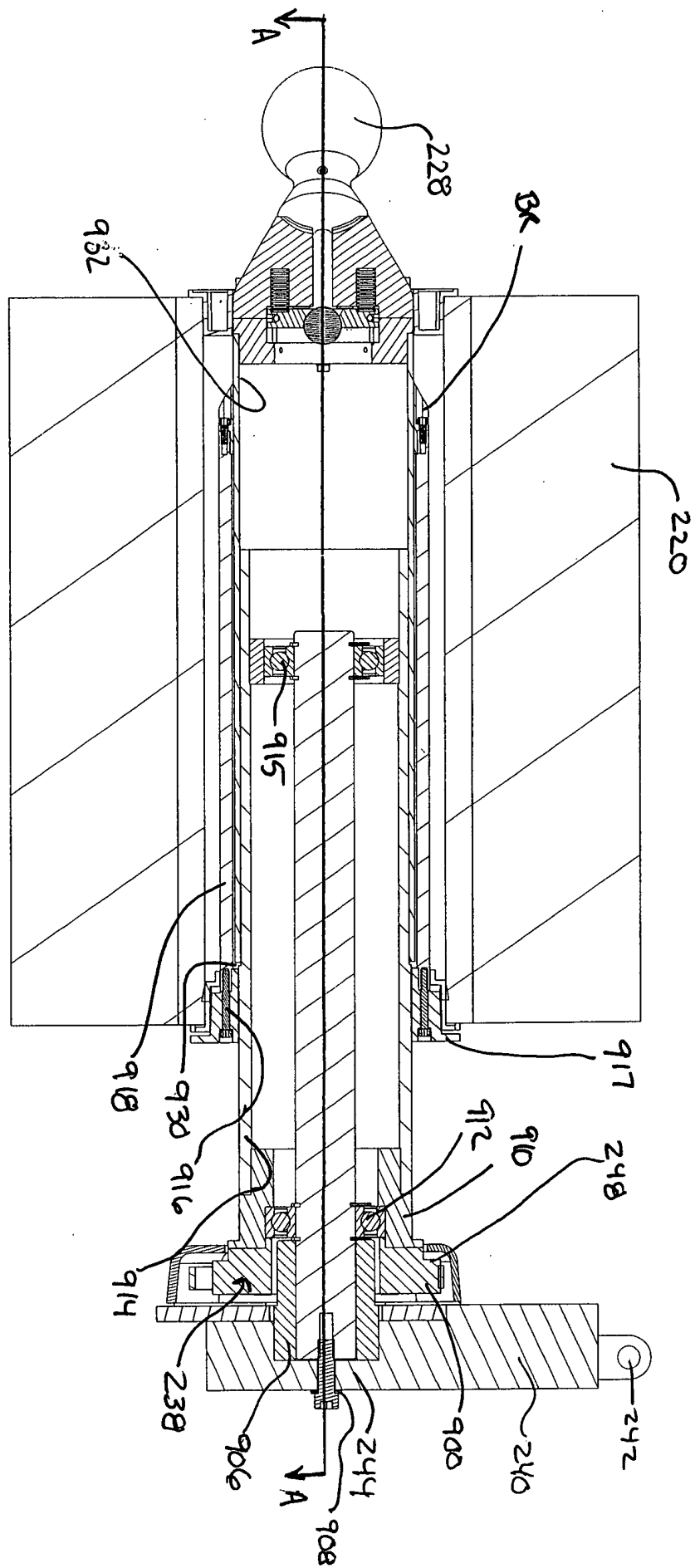


FIG. 114



FIG. 115





File 116

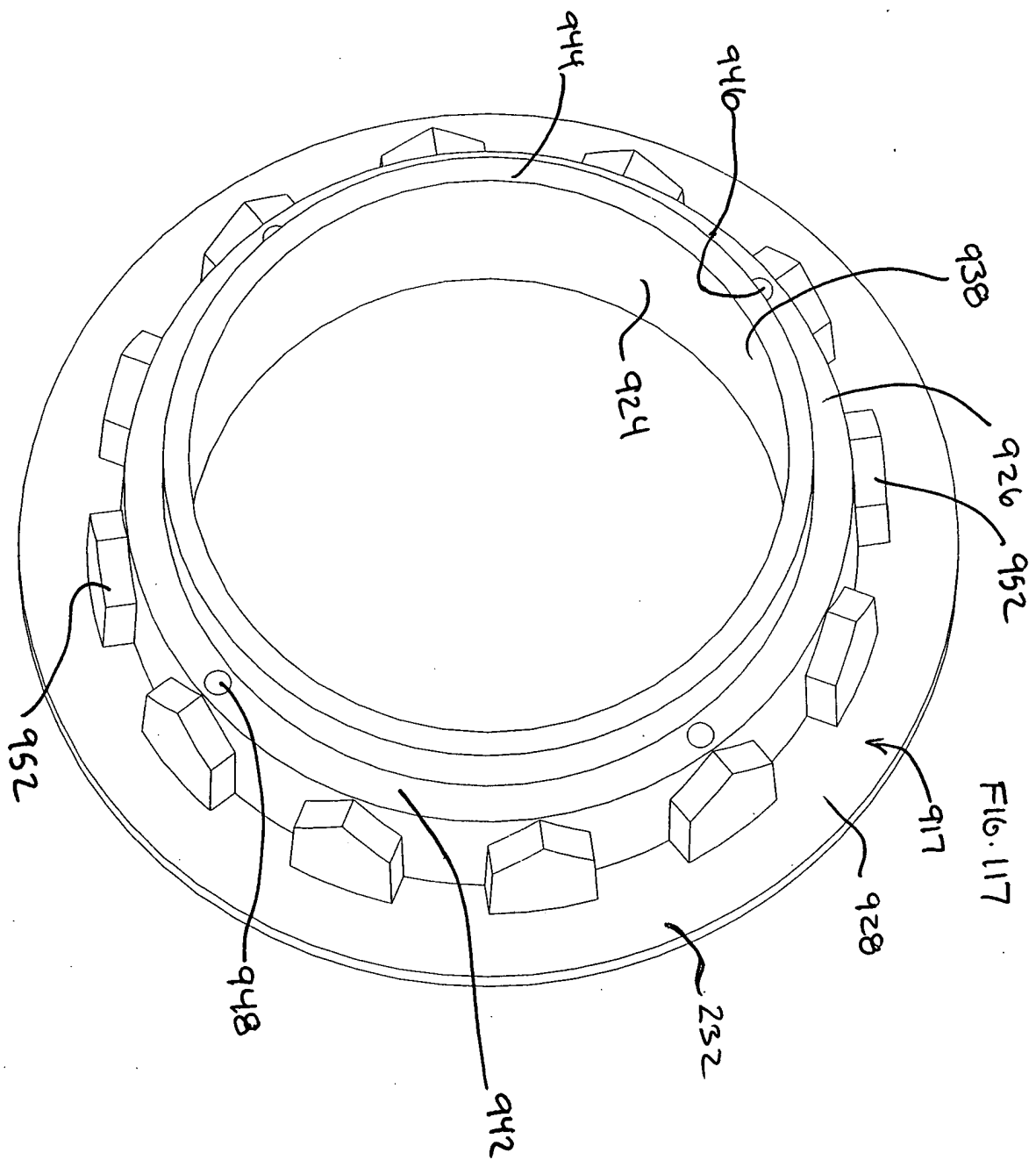


FIG. 117

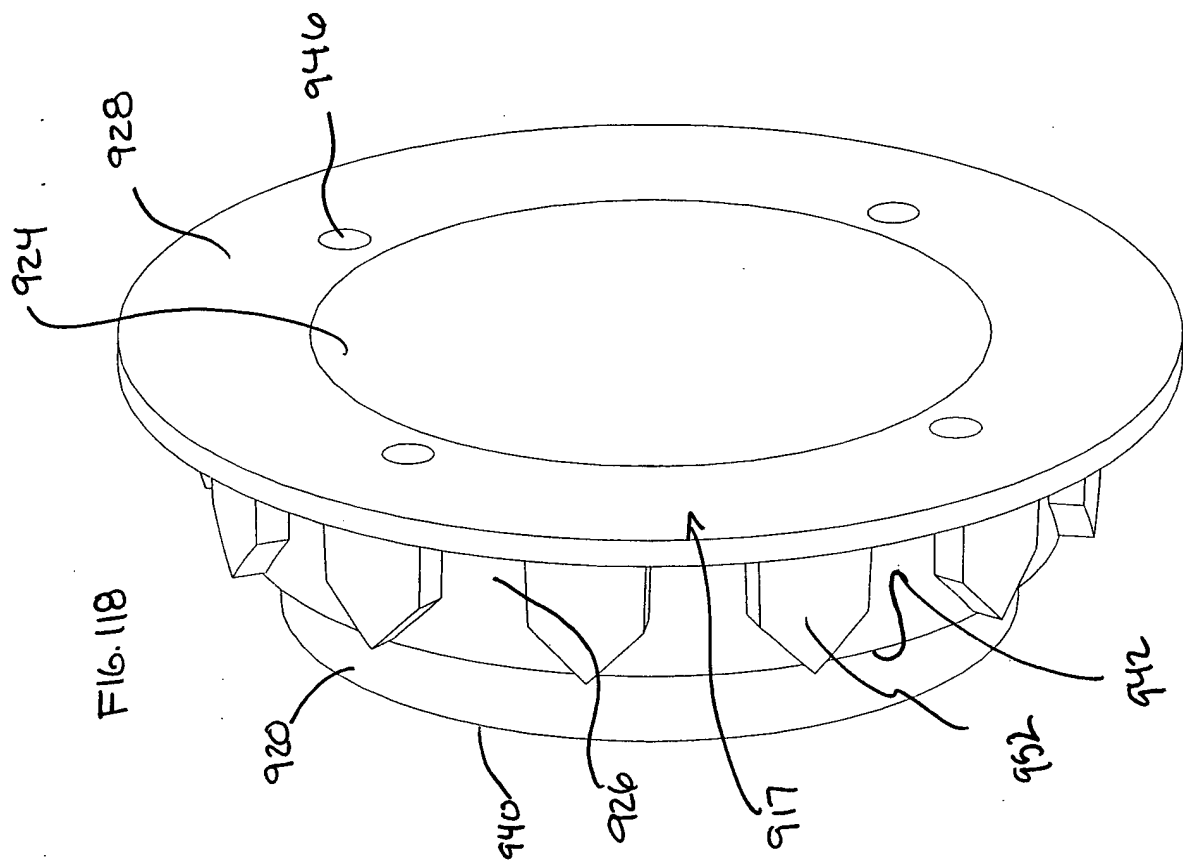
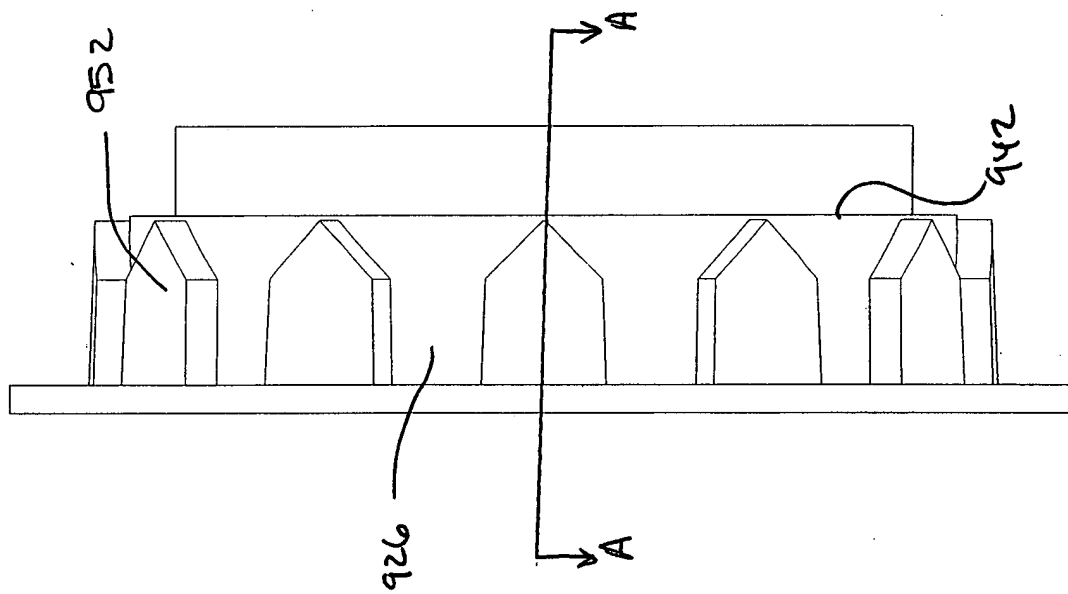


FIG. 118

FIG. 119



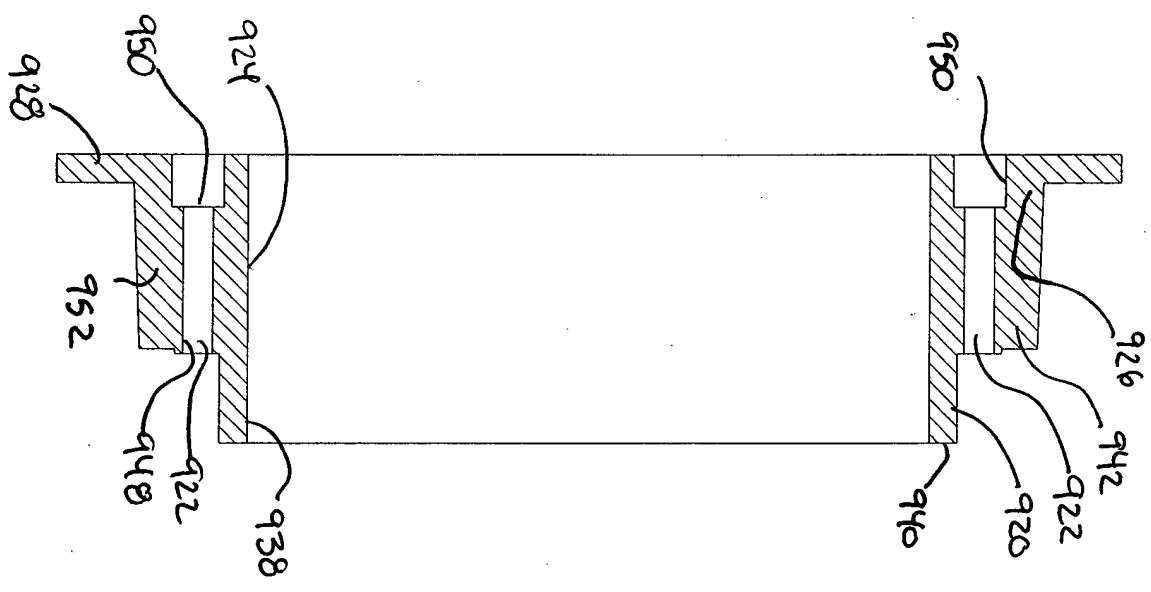
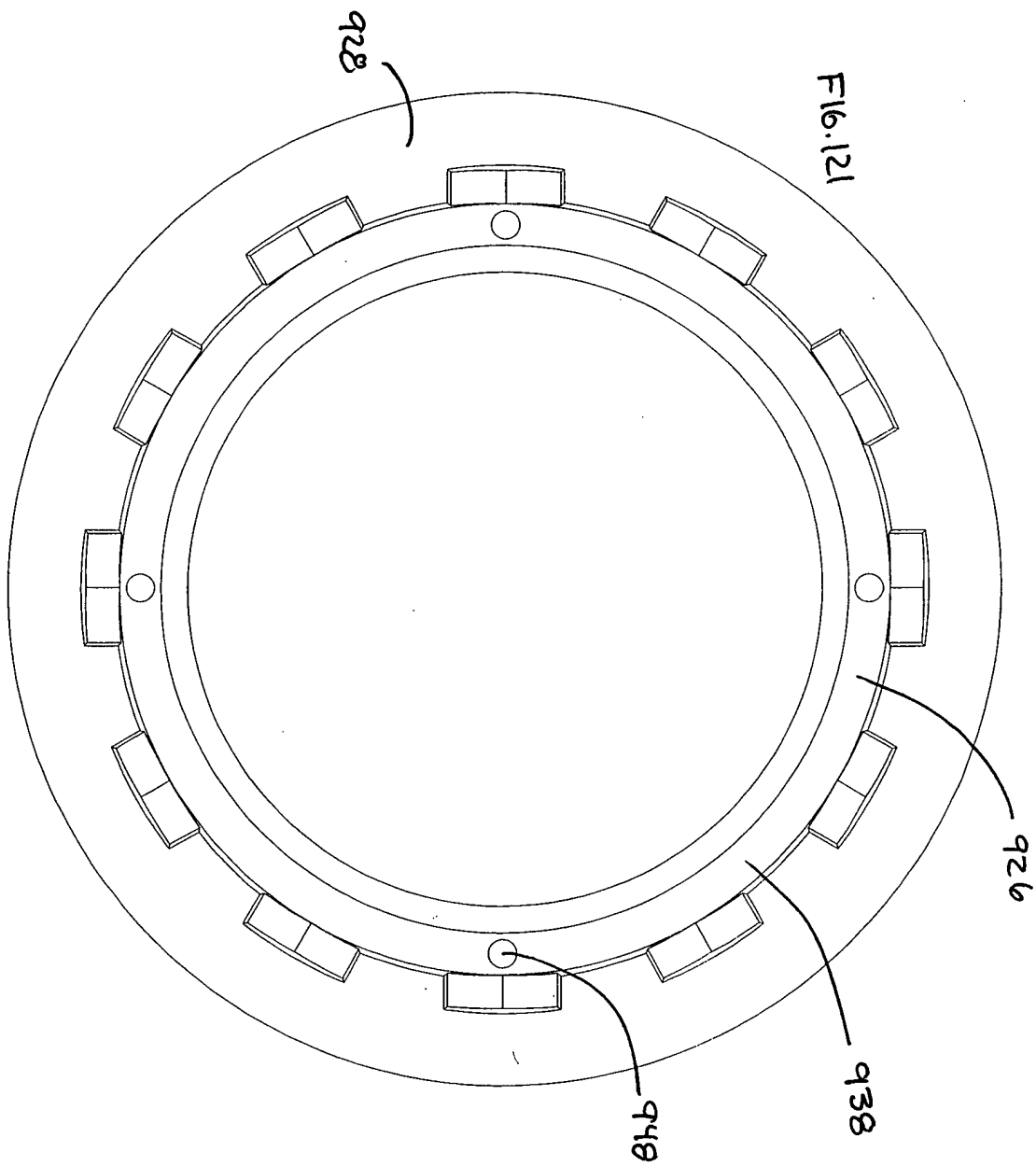


FIG. 120



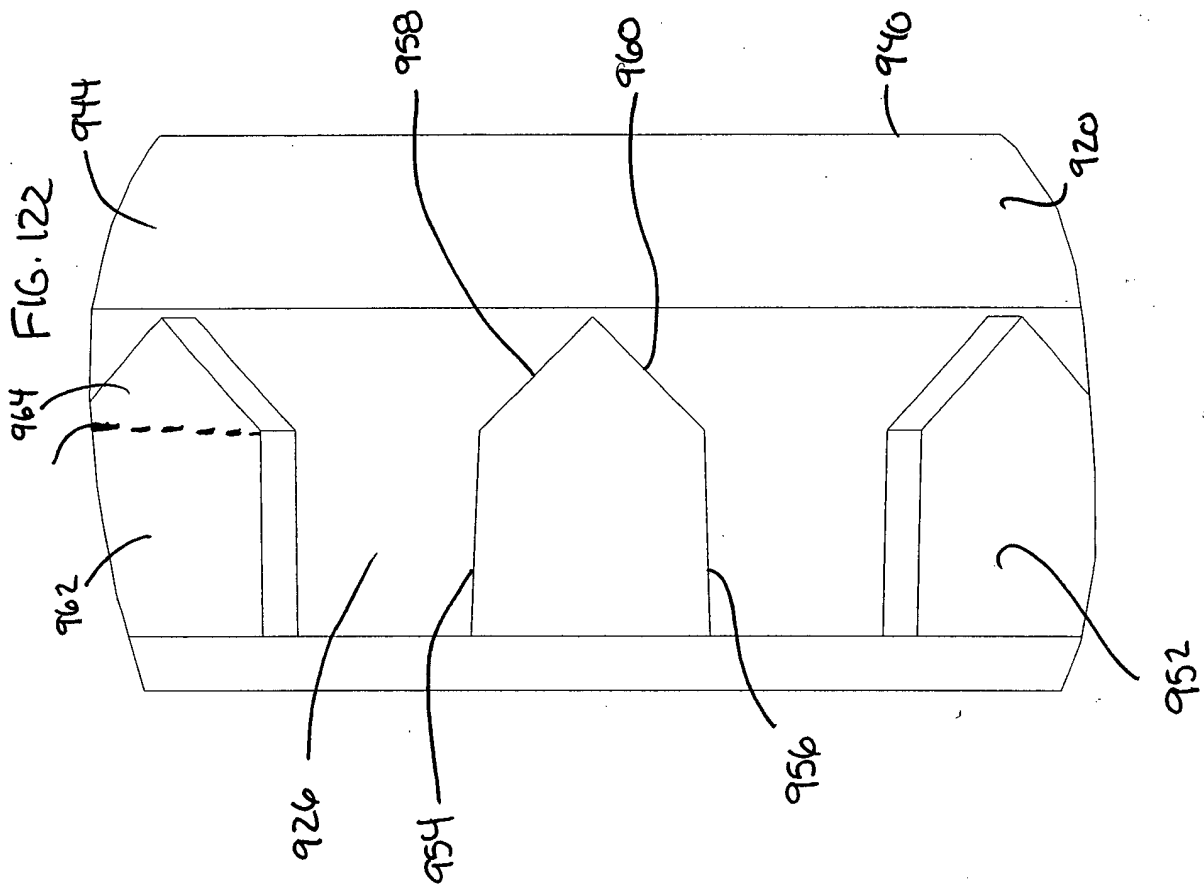
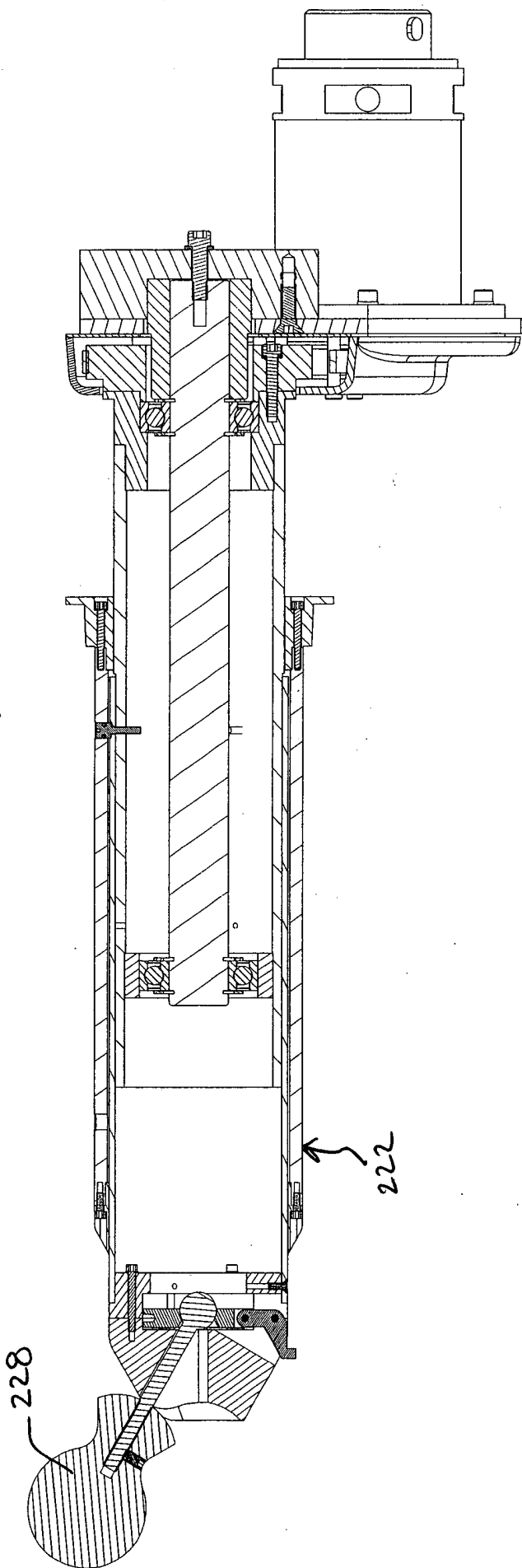




FIG. 123



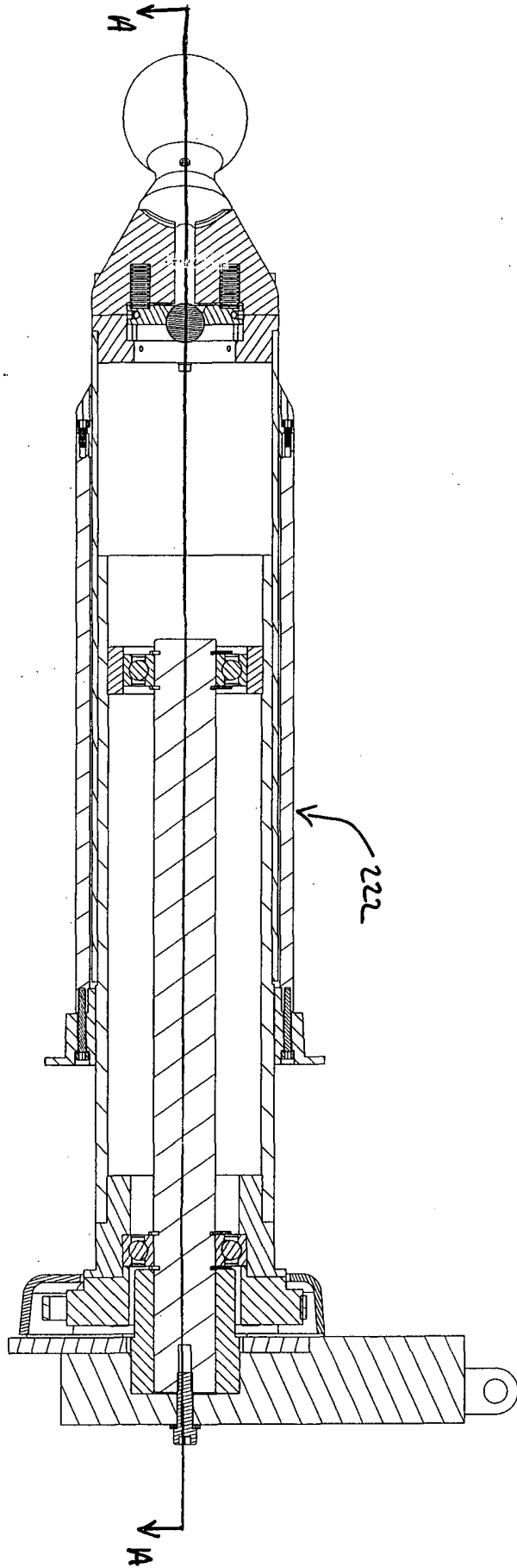


FIG. 124

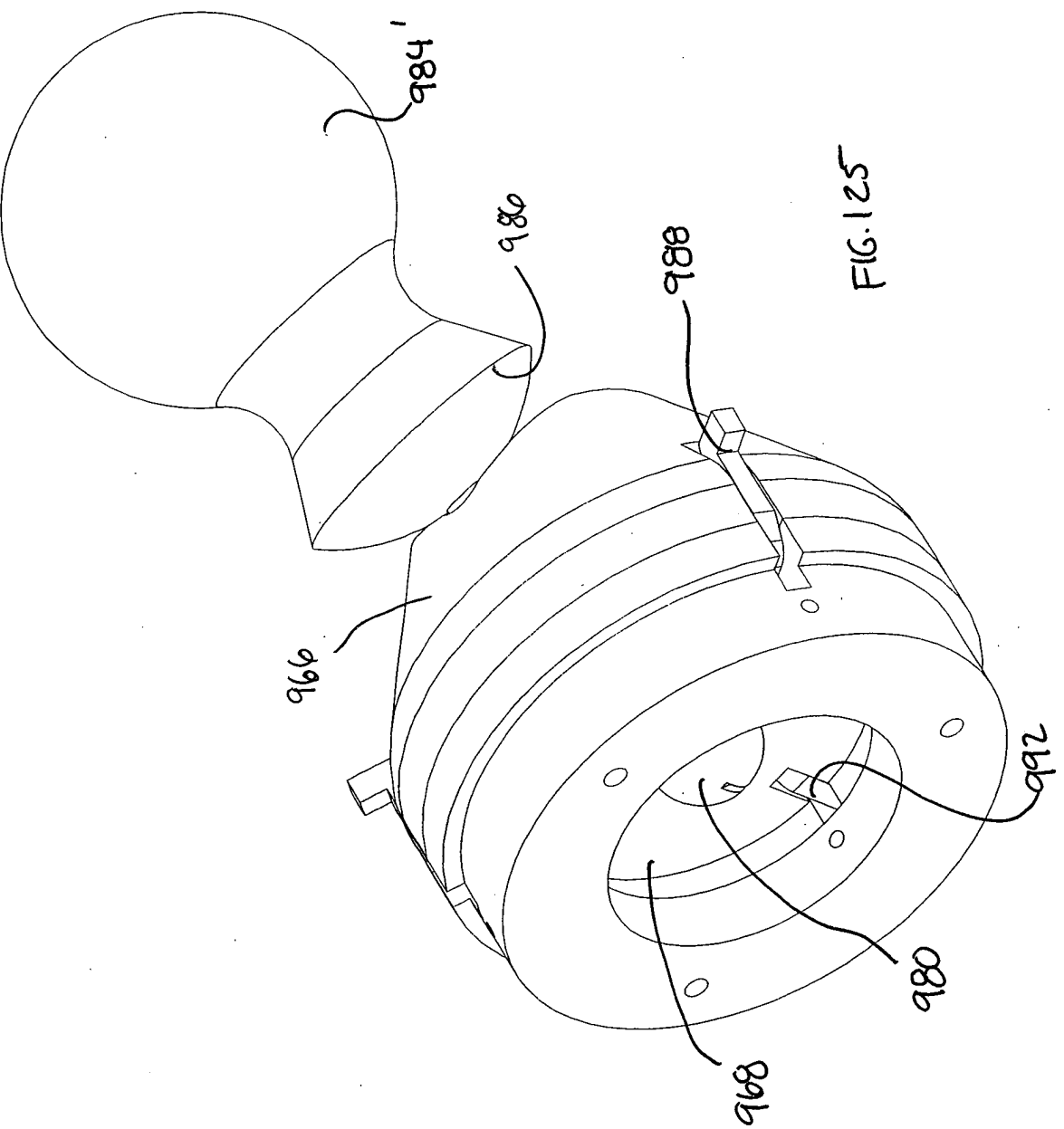


FIG. 125

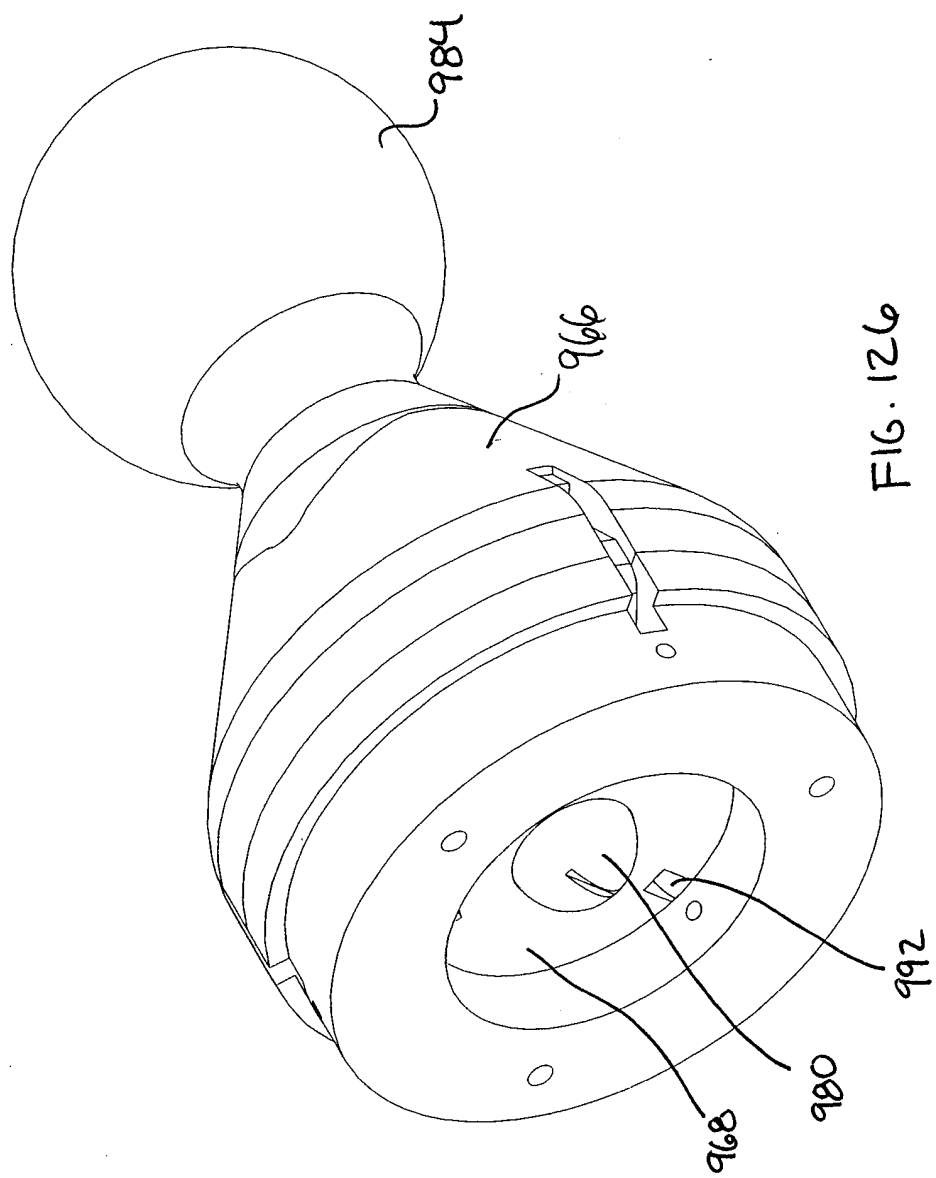
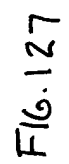
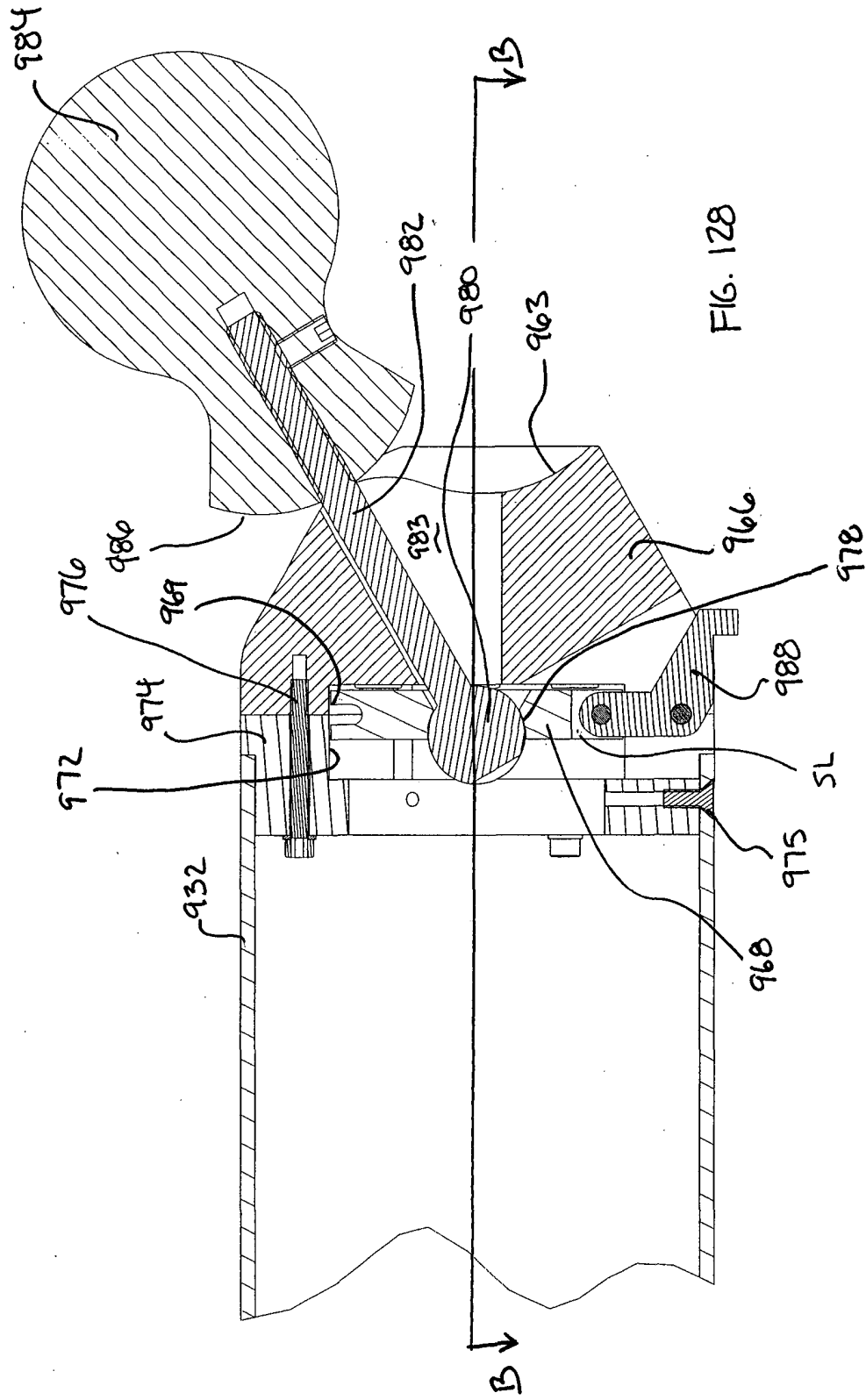
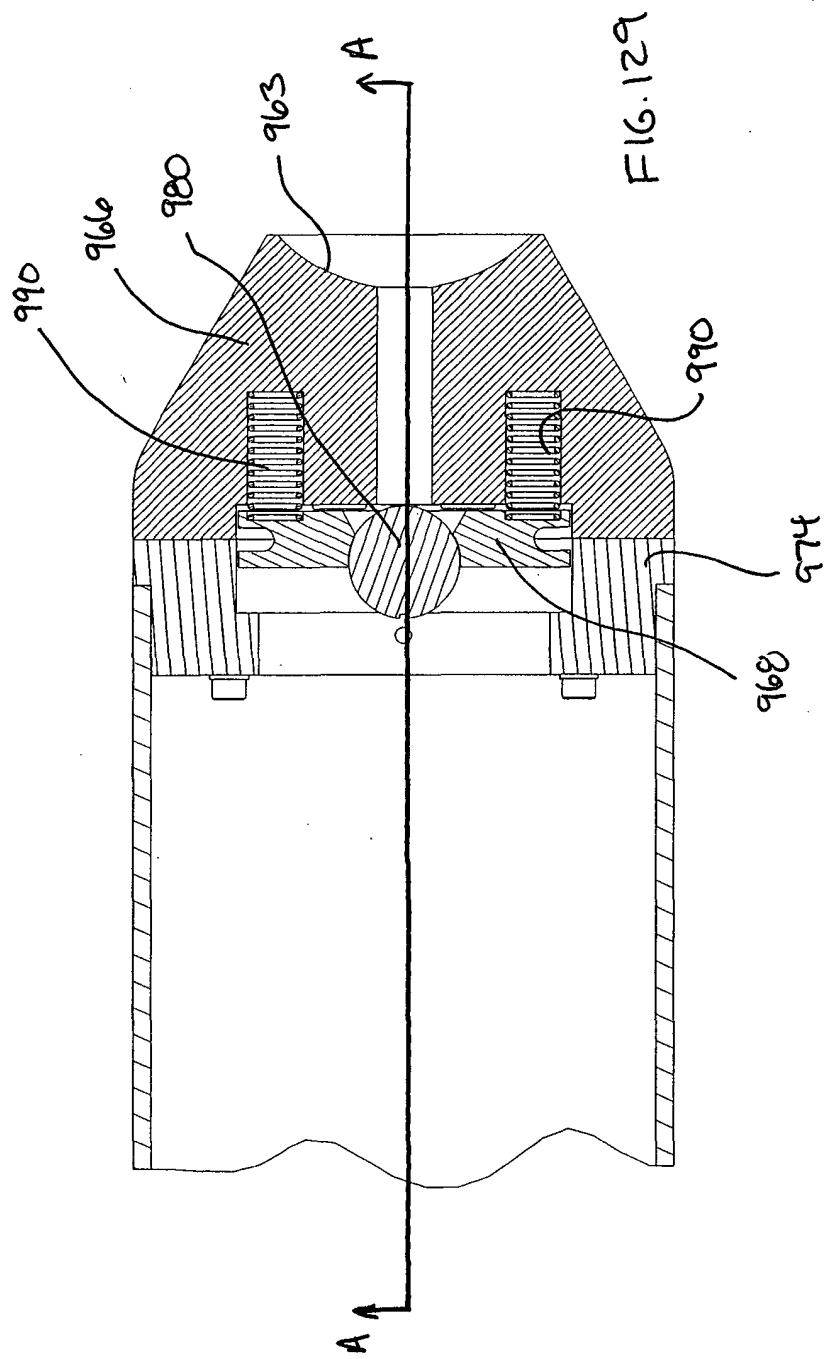


FIG. 126







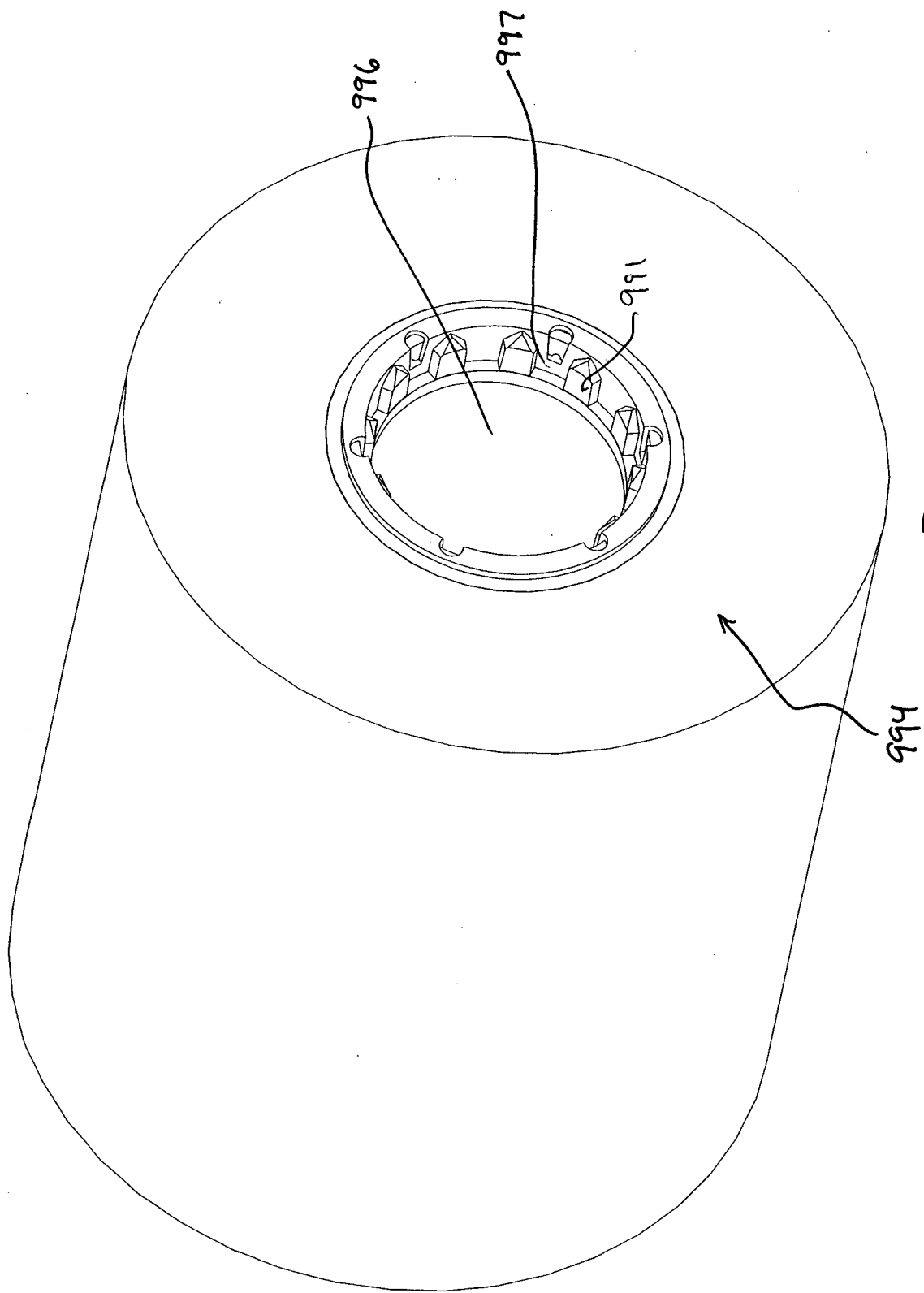


FIG. 130



FIG. 131

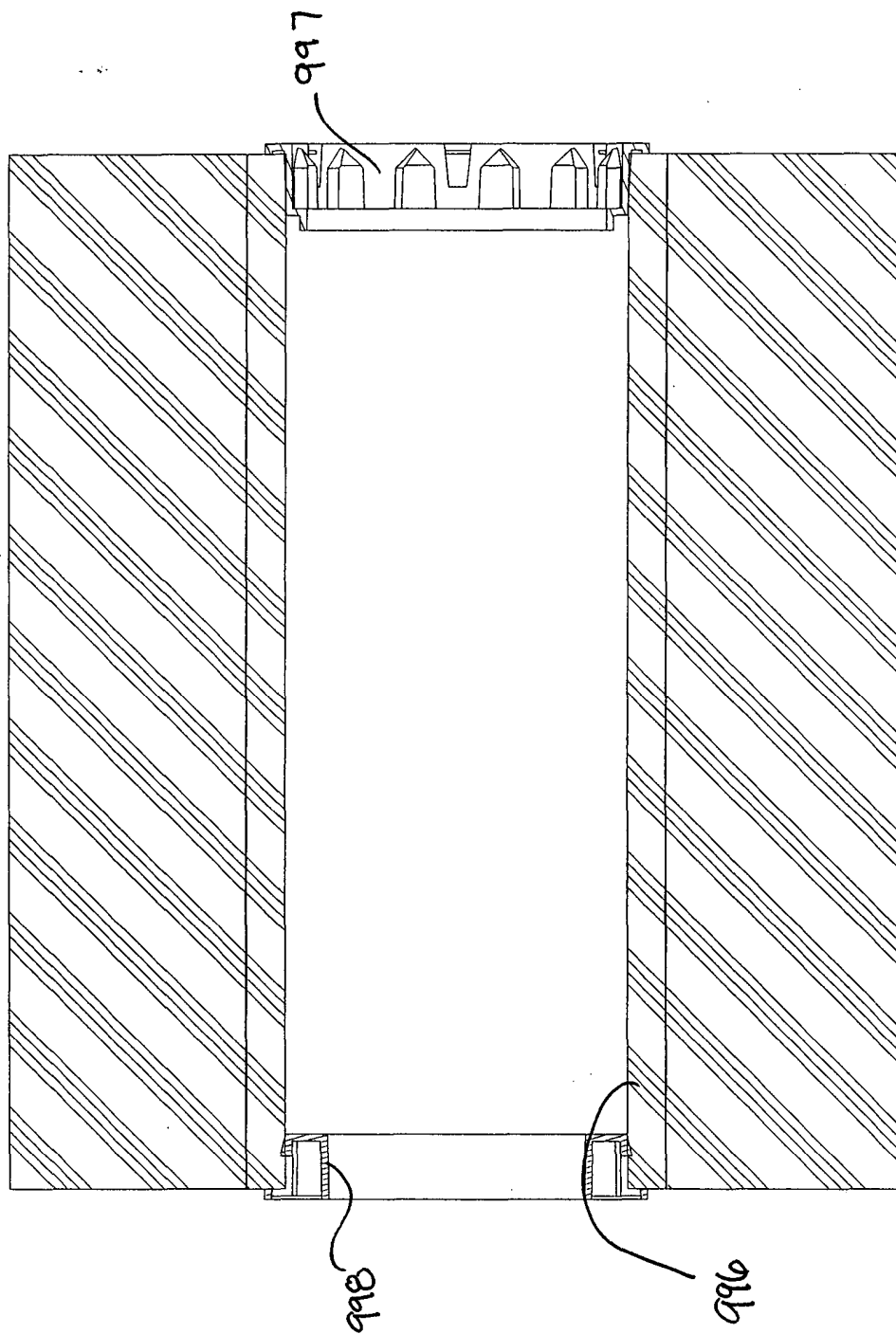
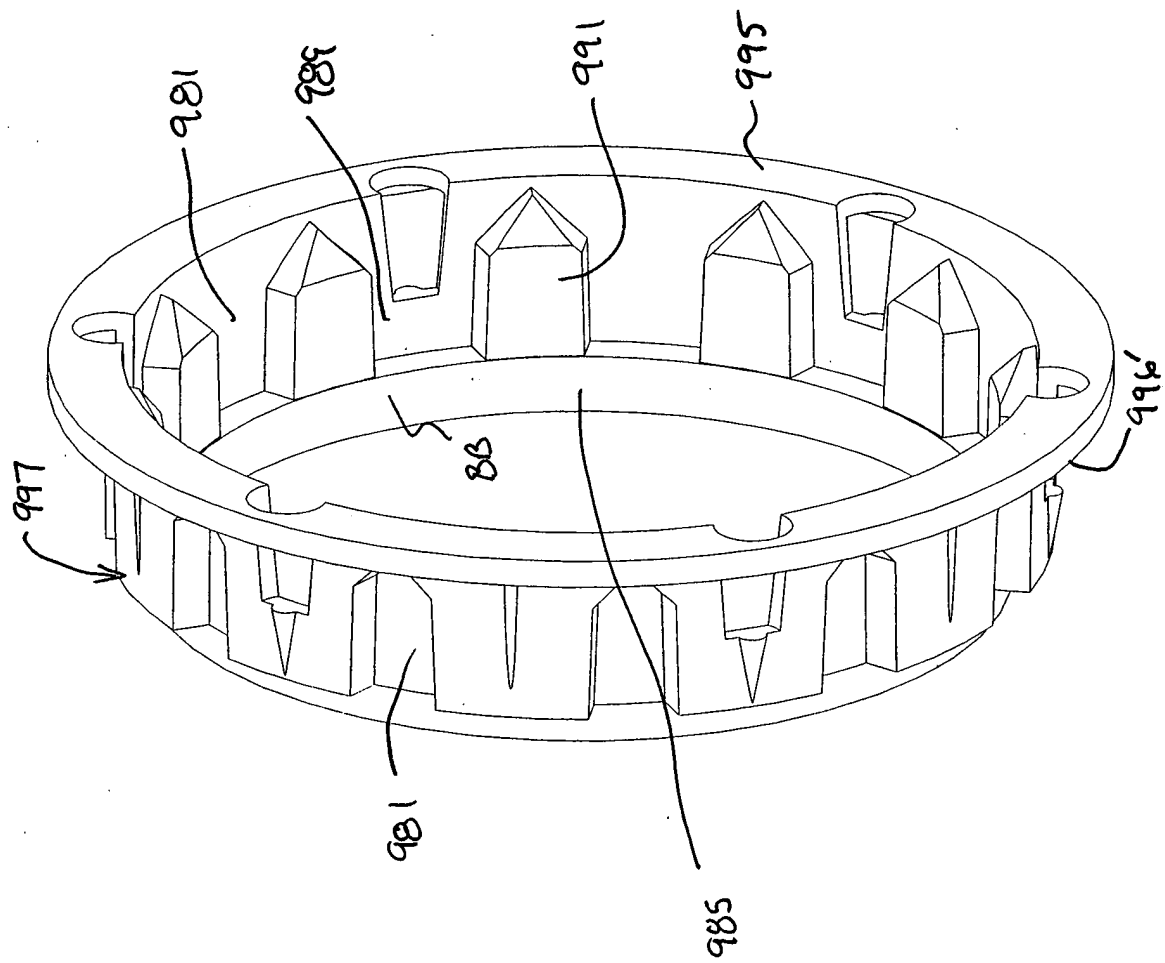


FIG. 132



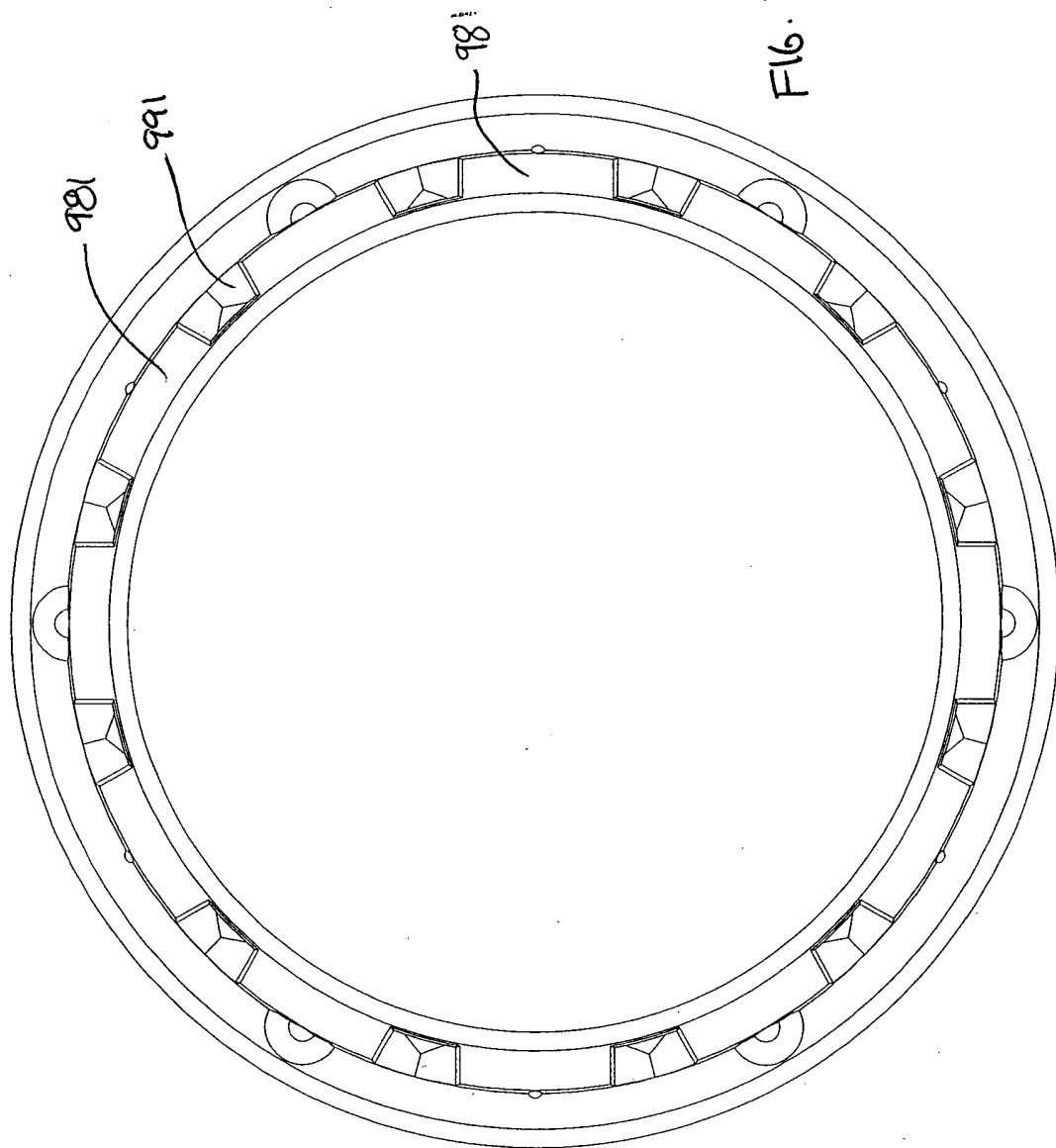
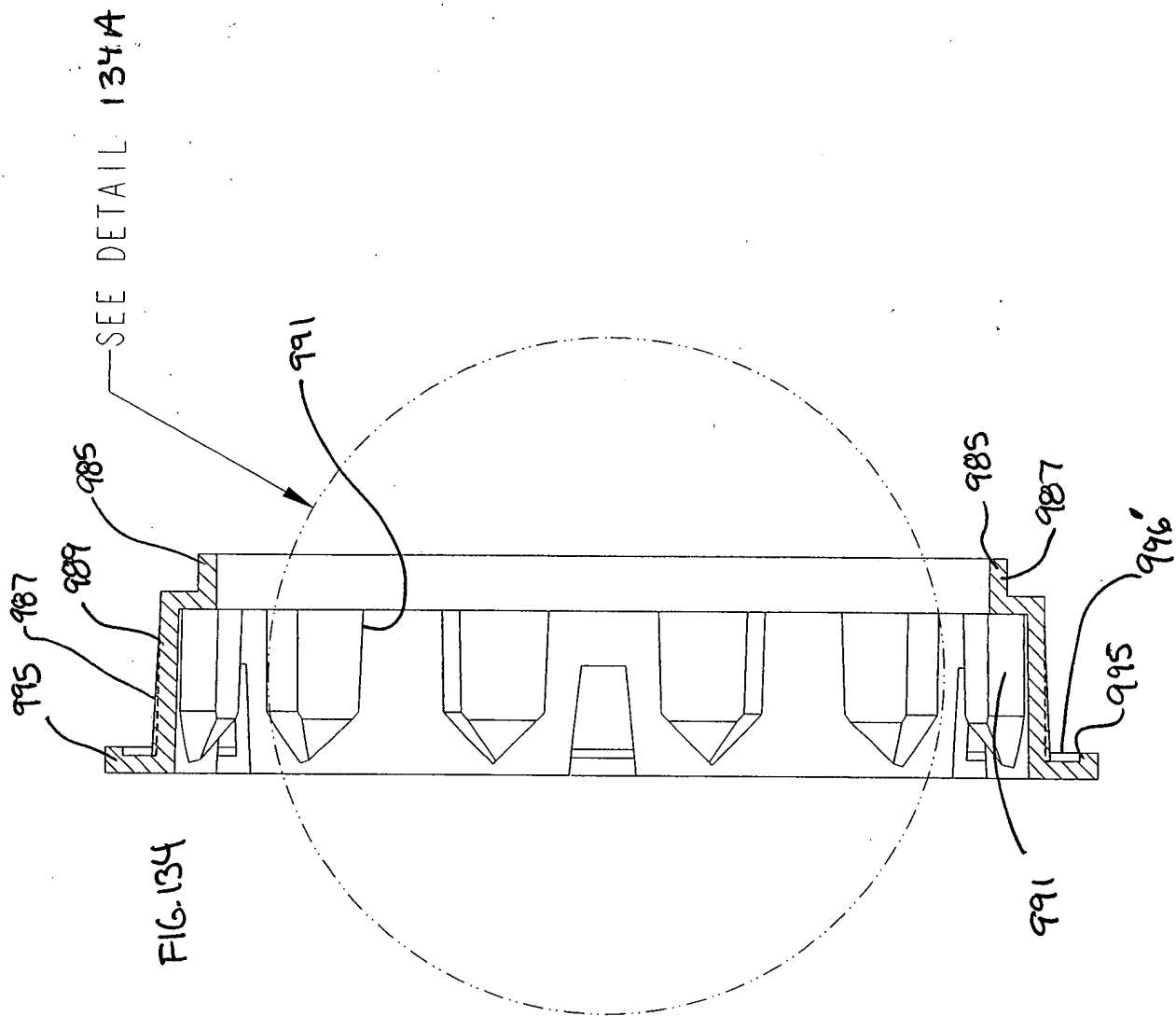


FIG. 133



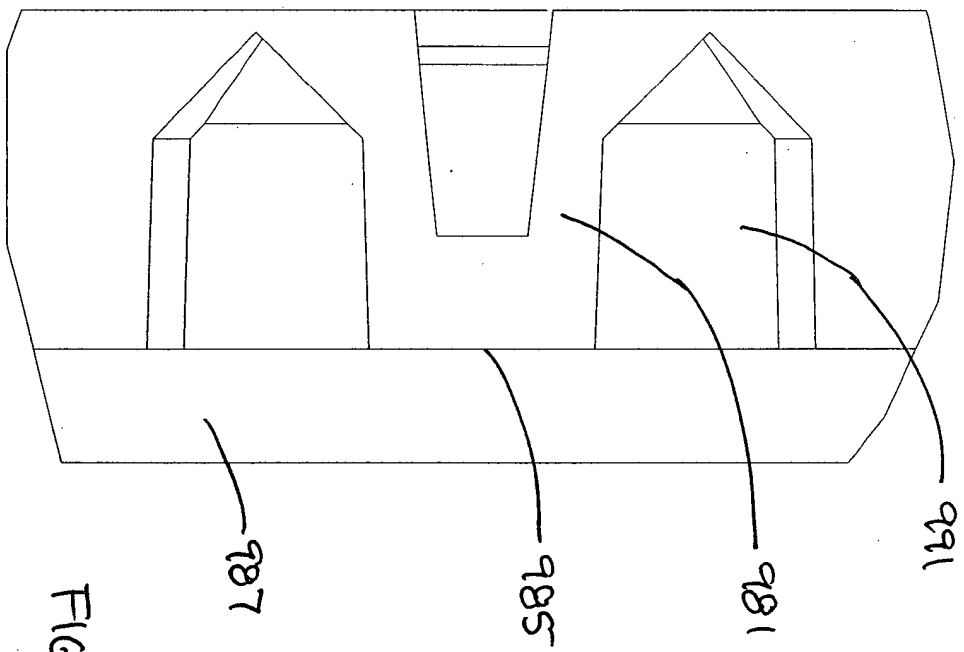
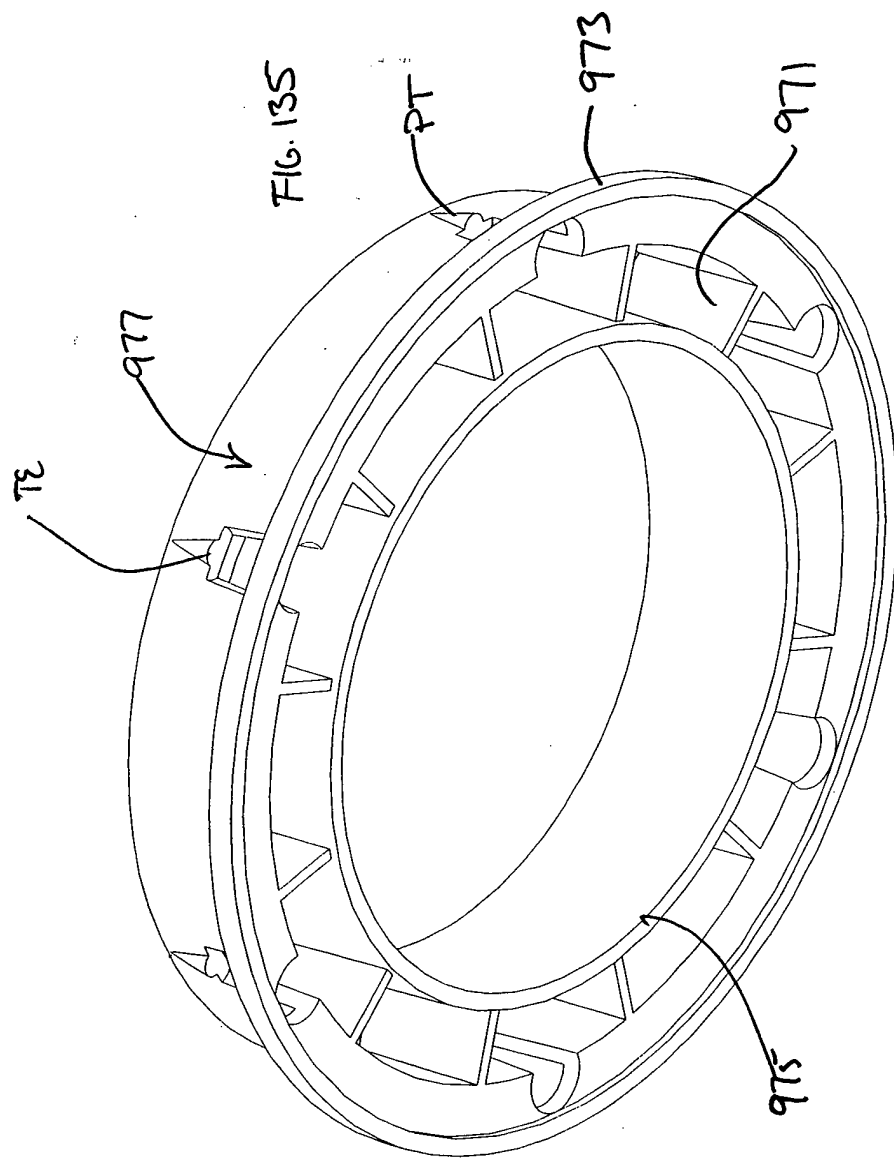
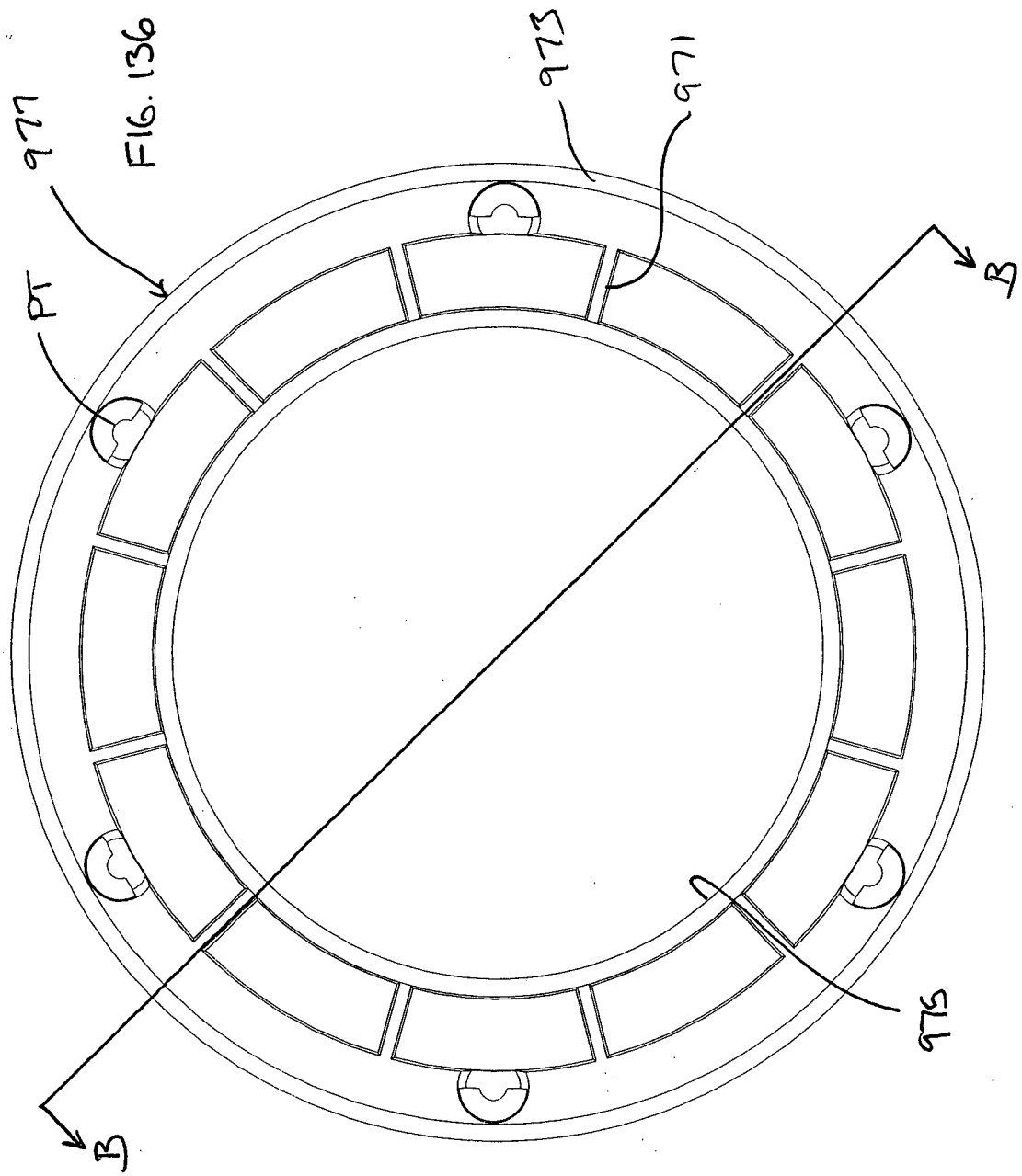


FIG. 134A





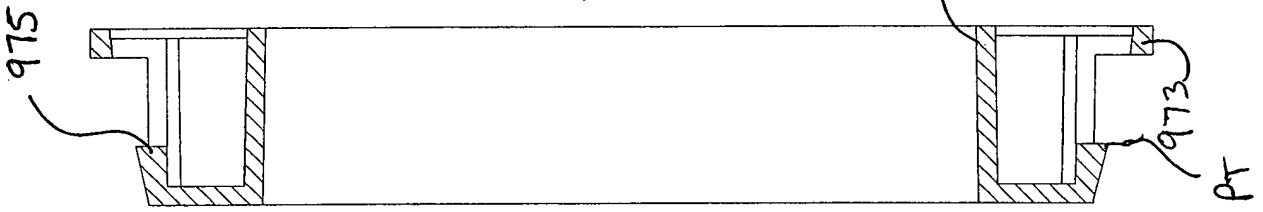
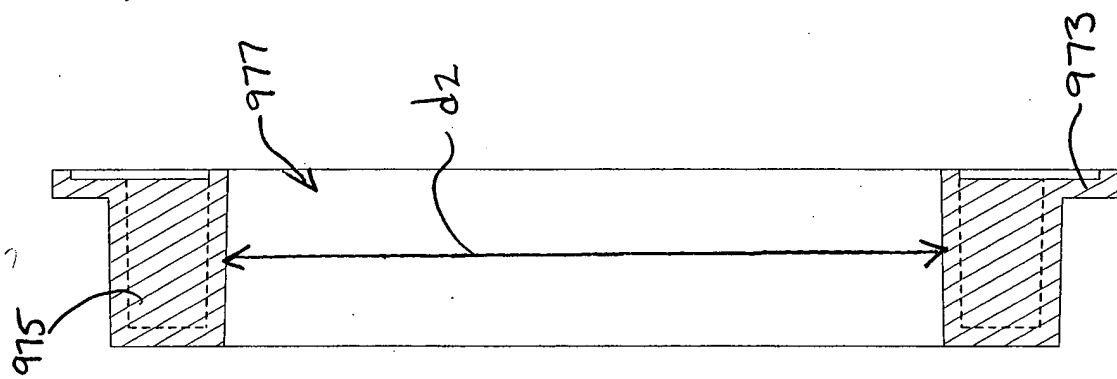


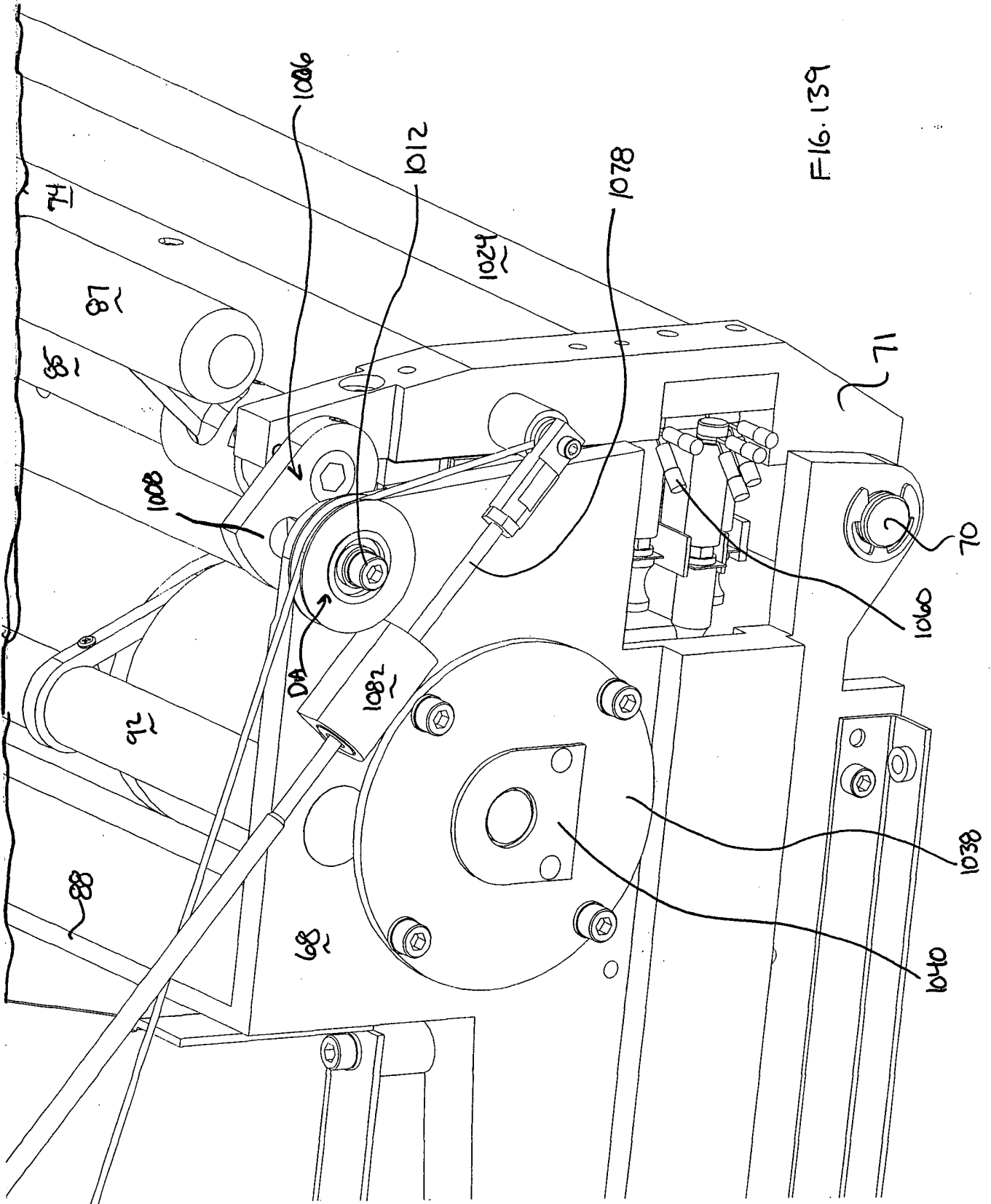
FIG. 137

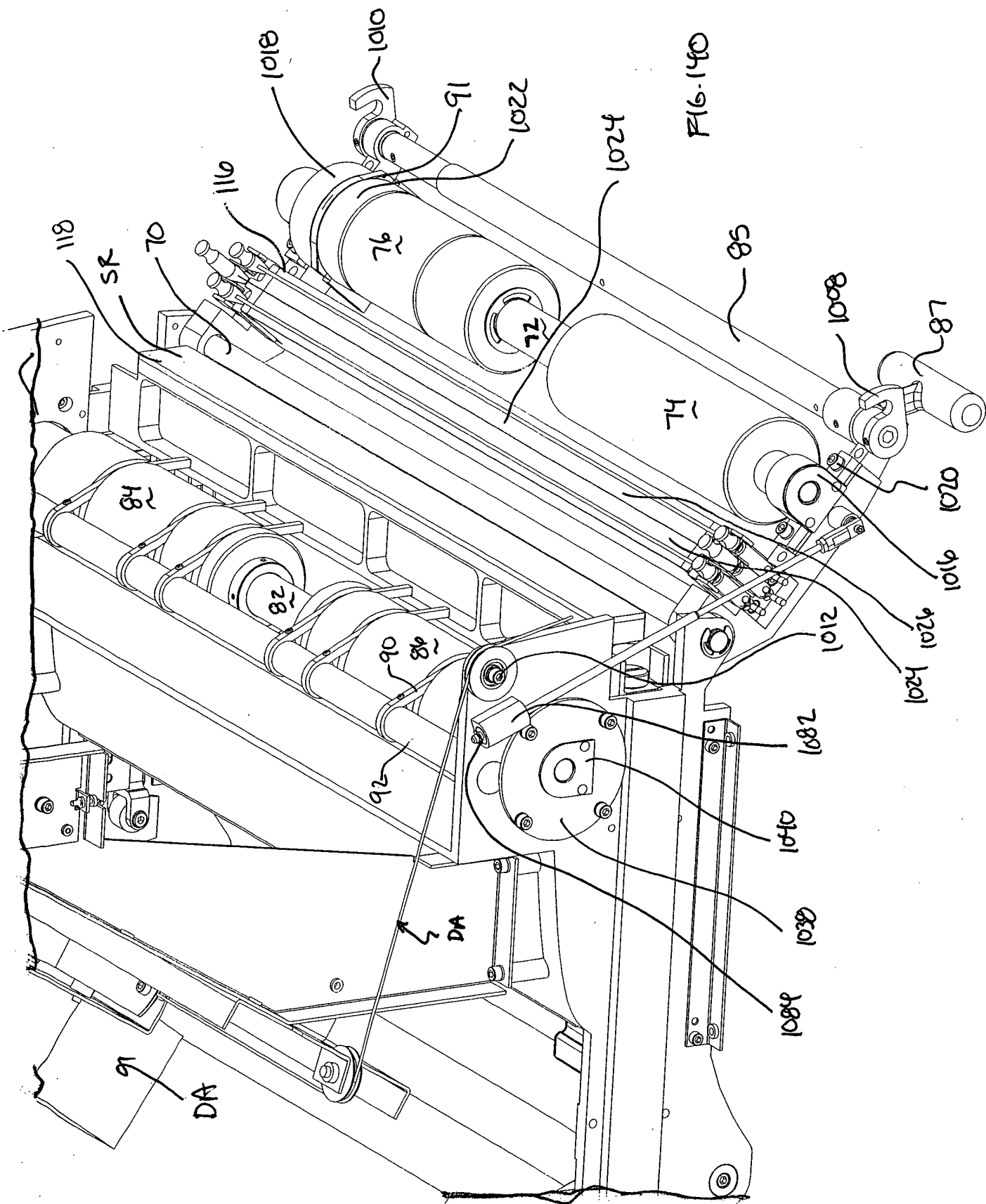


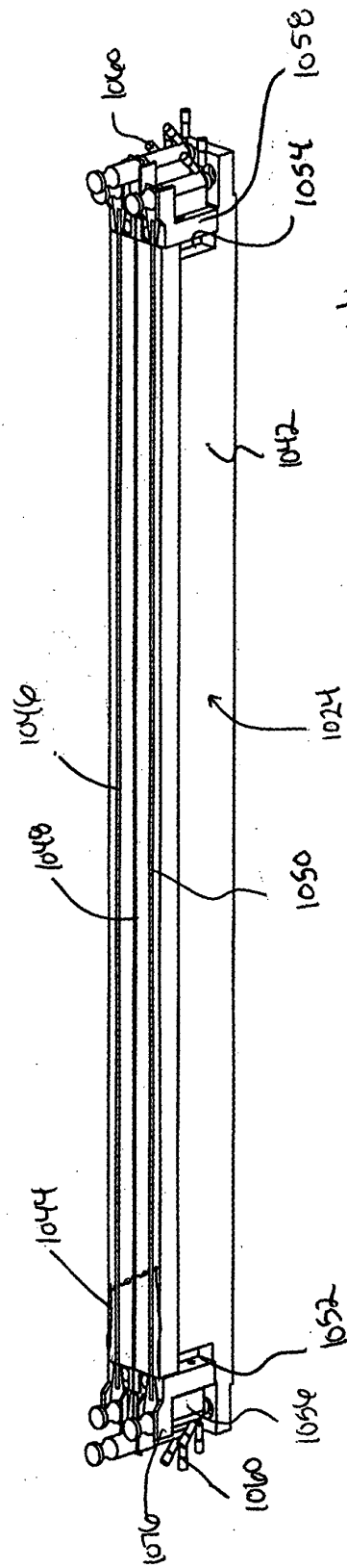
FIG. 138



F16.139







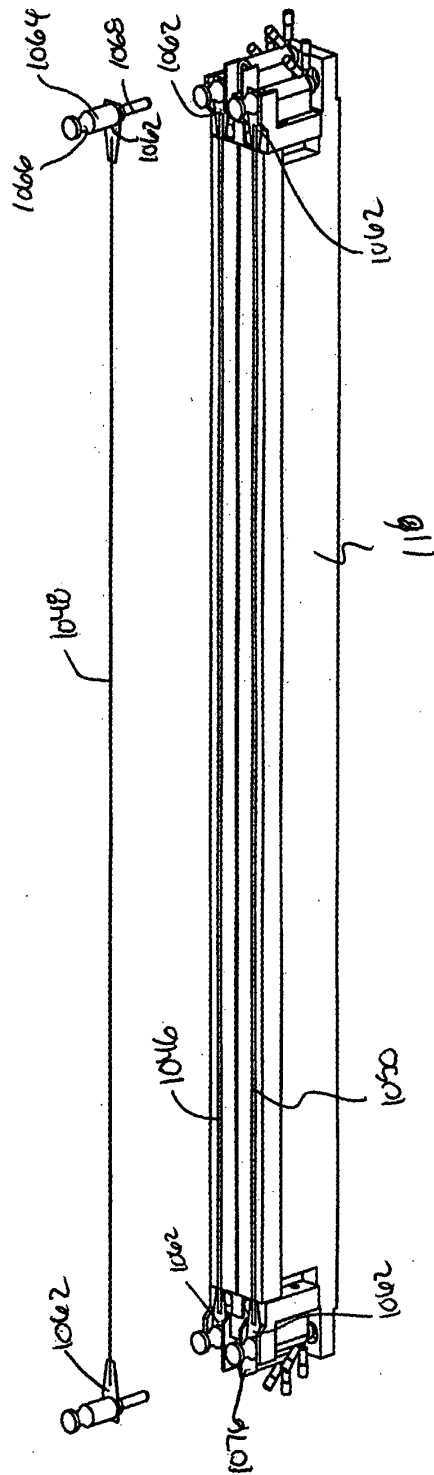
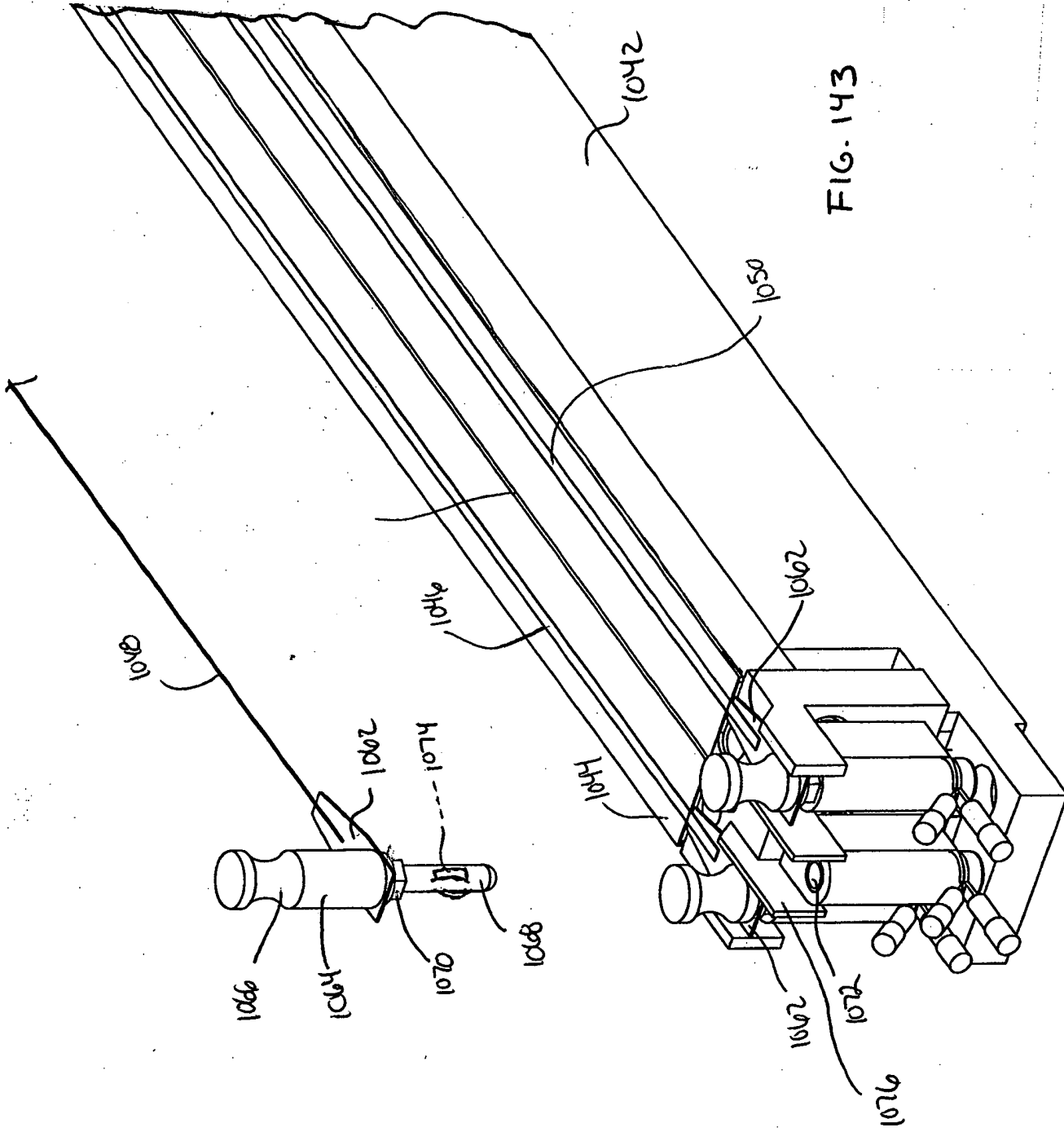


FIG 142

FIG. 143



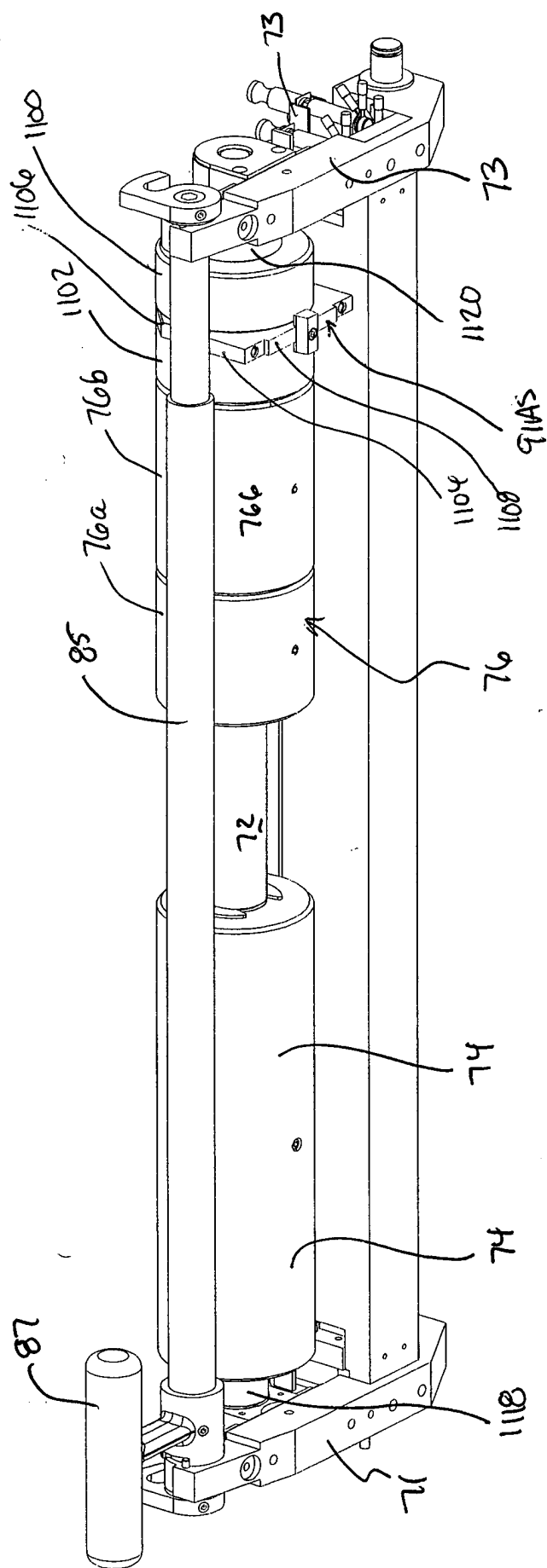


FIG. 144

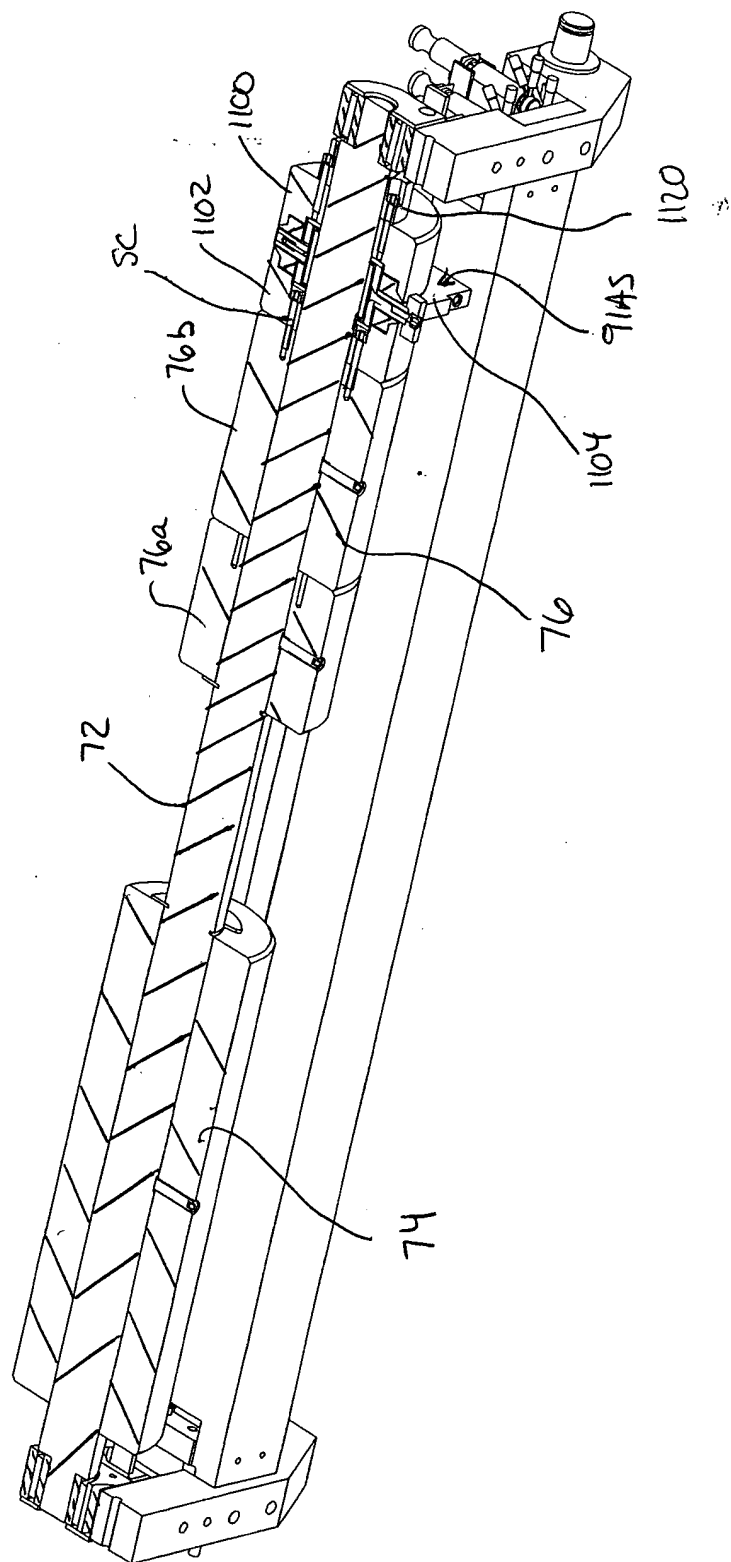


FIG. 145





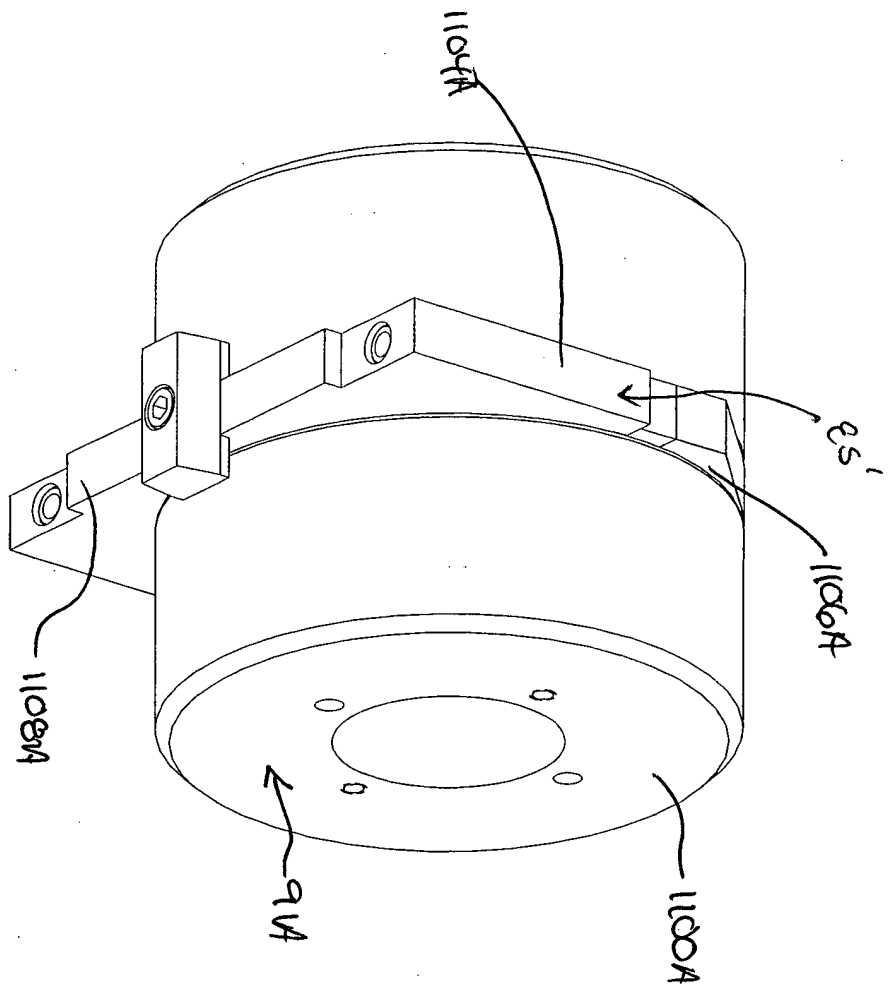


FIG. 146A

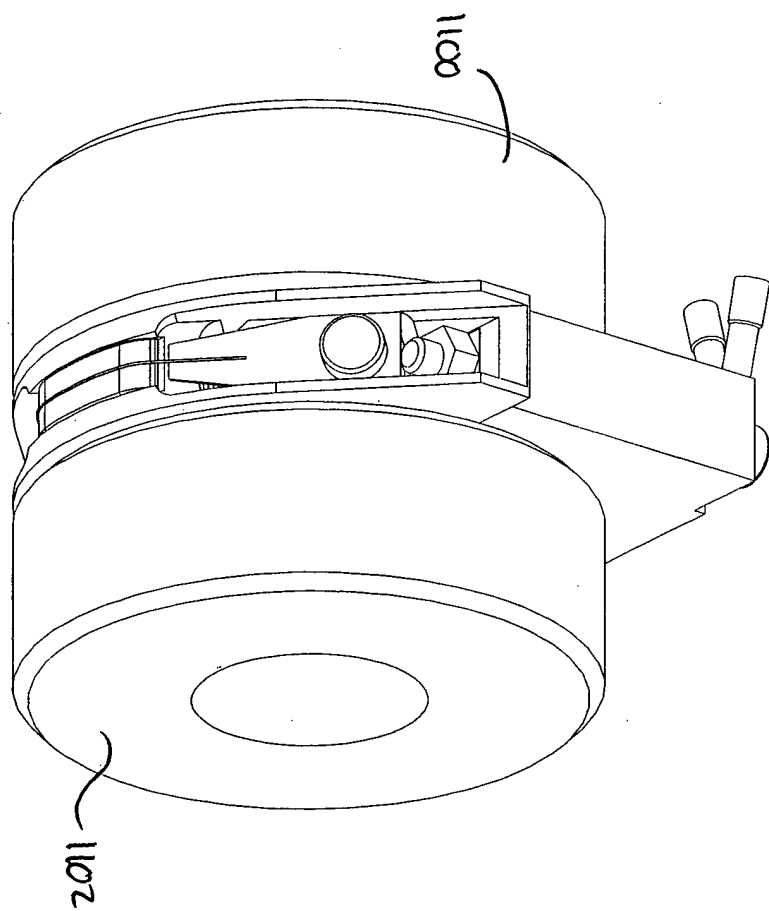
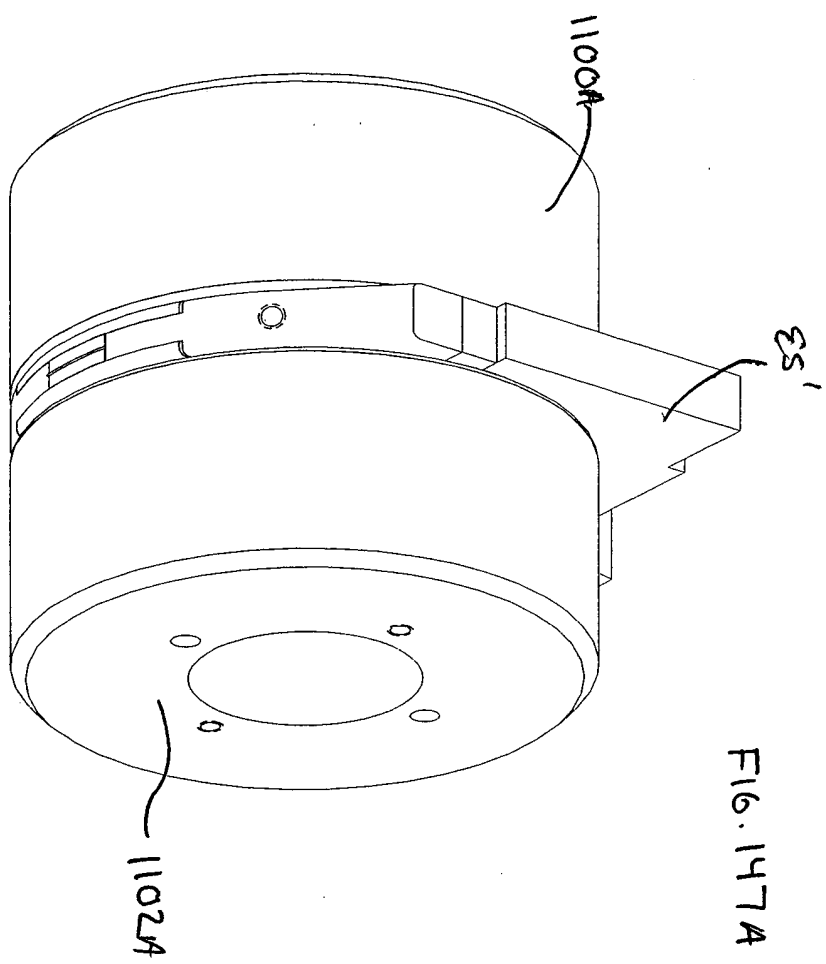
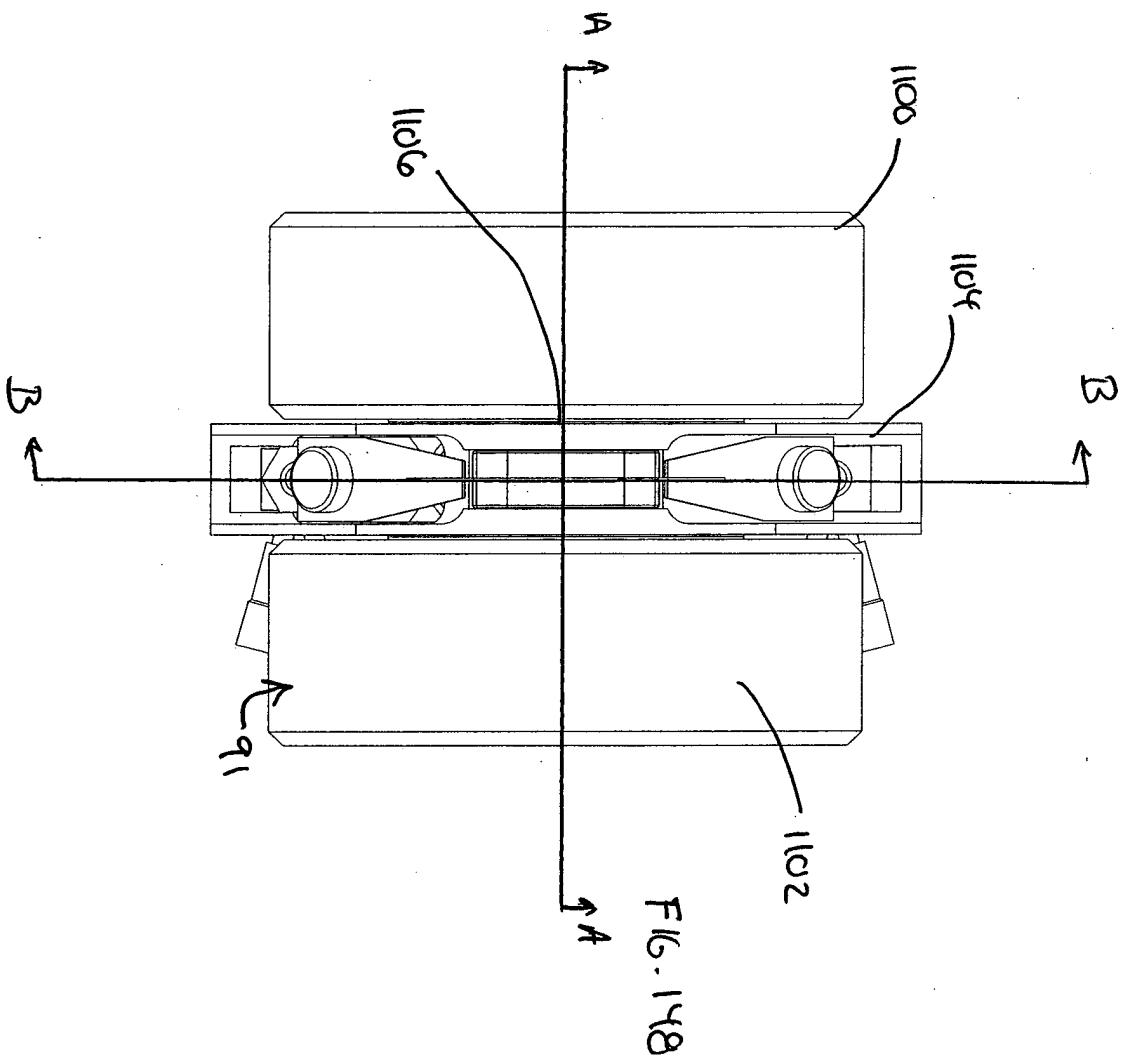
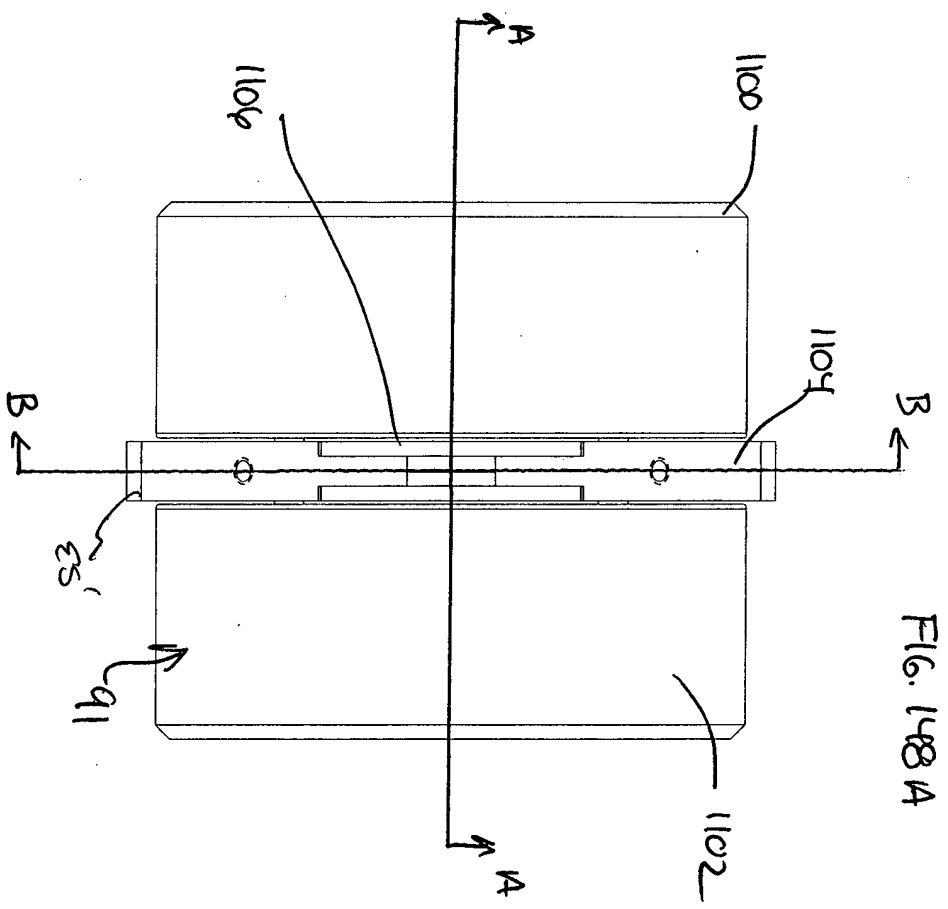


FIG. 147







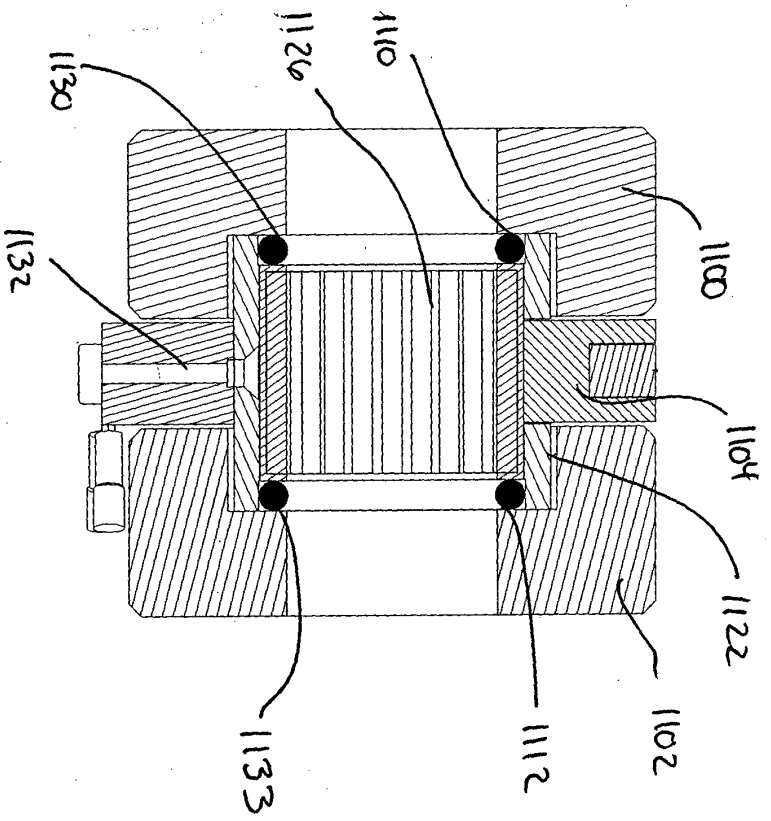
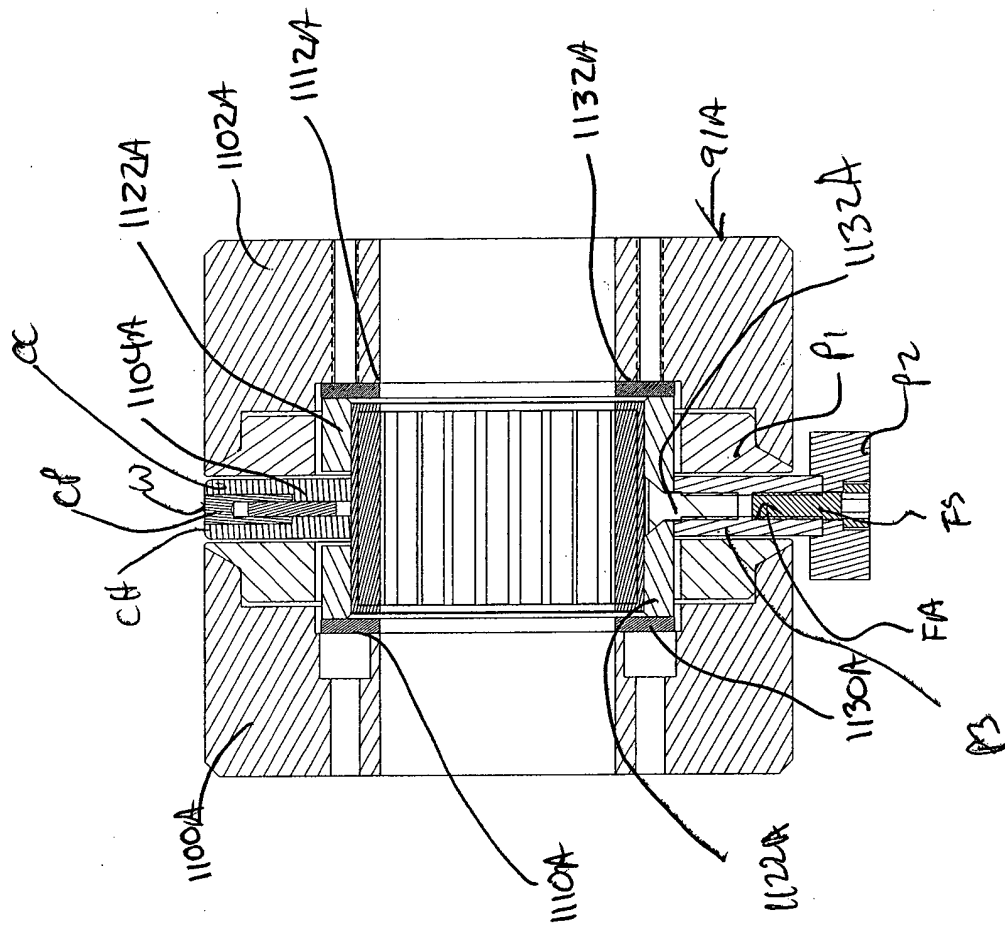


FIG. 149



F16-149A



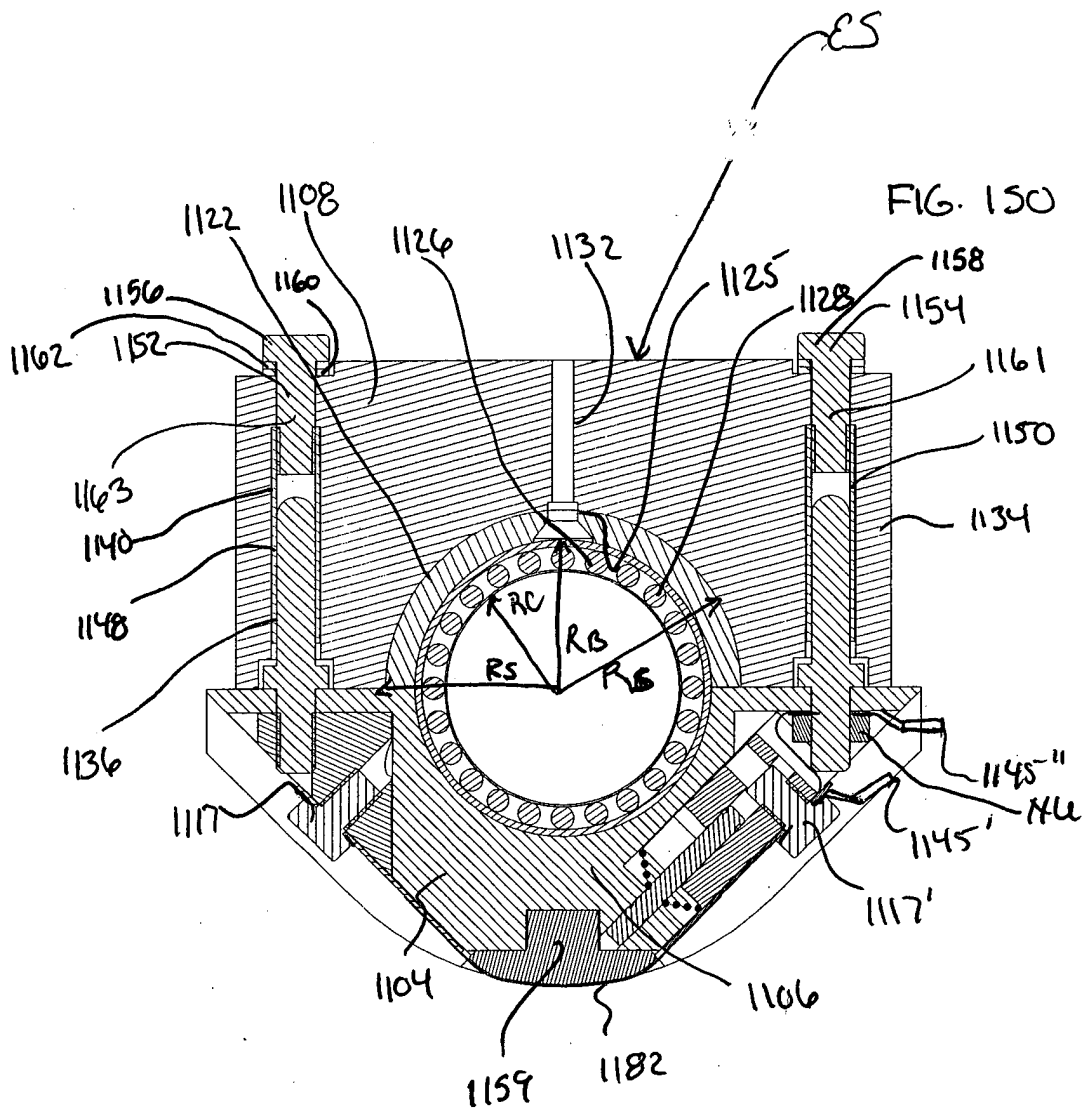
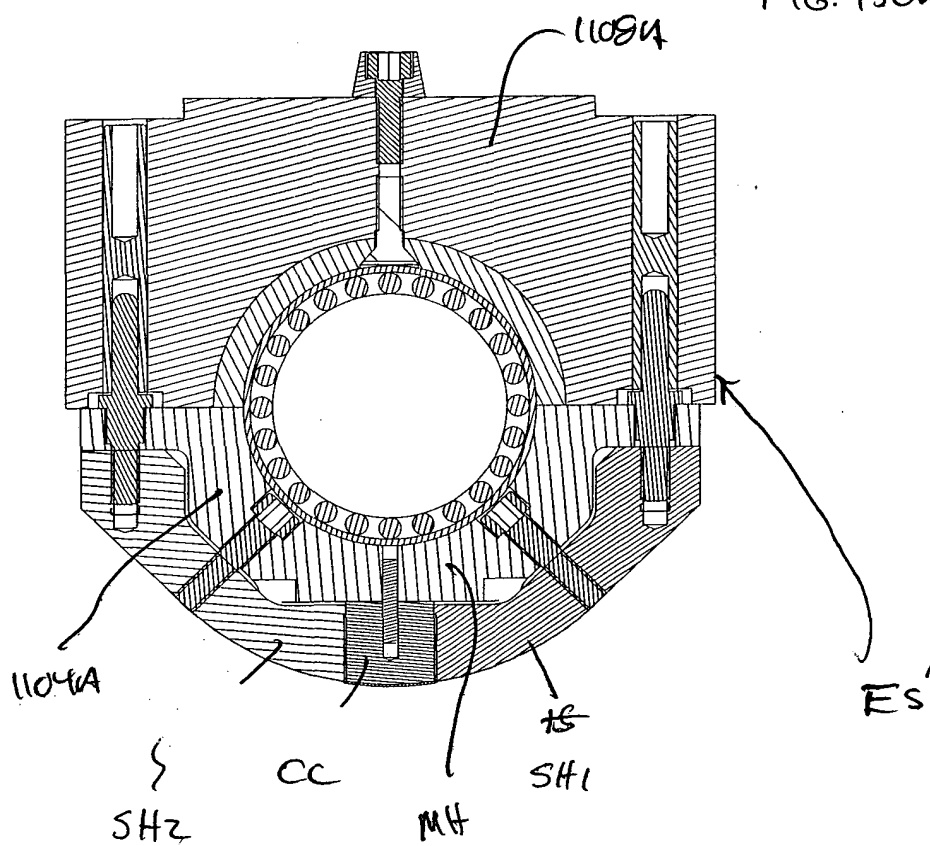
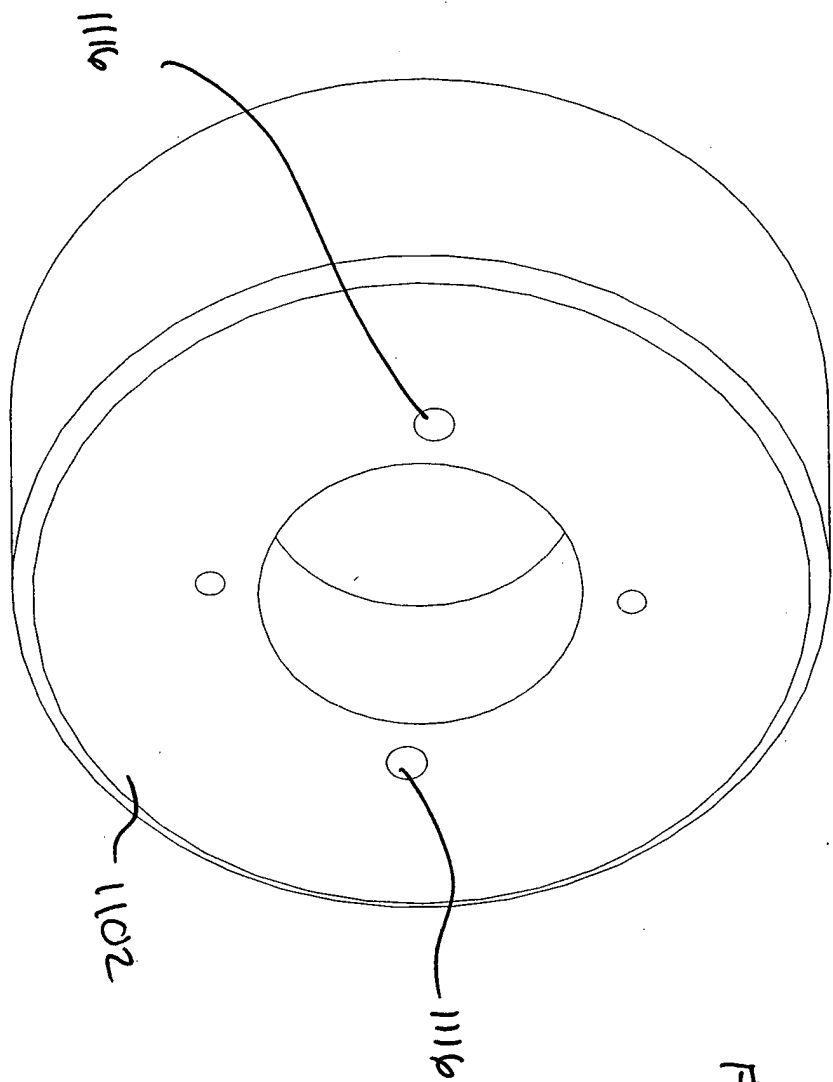


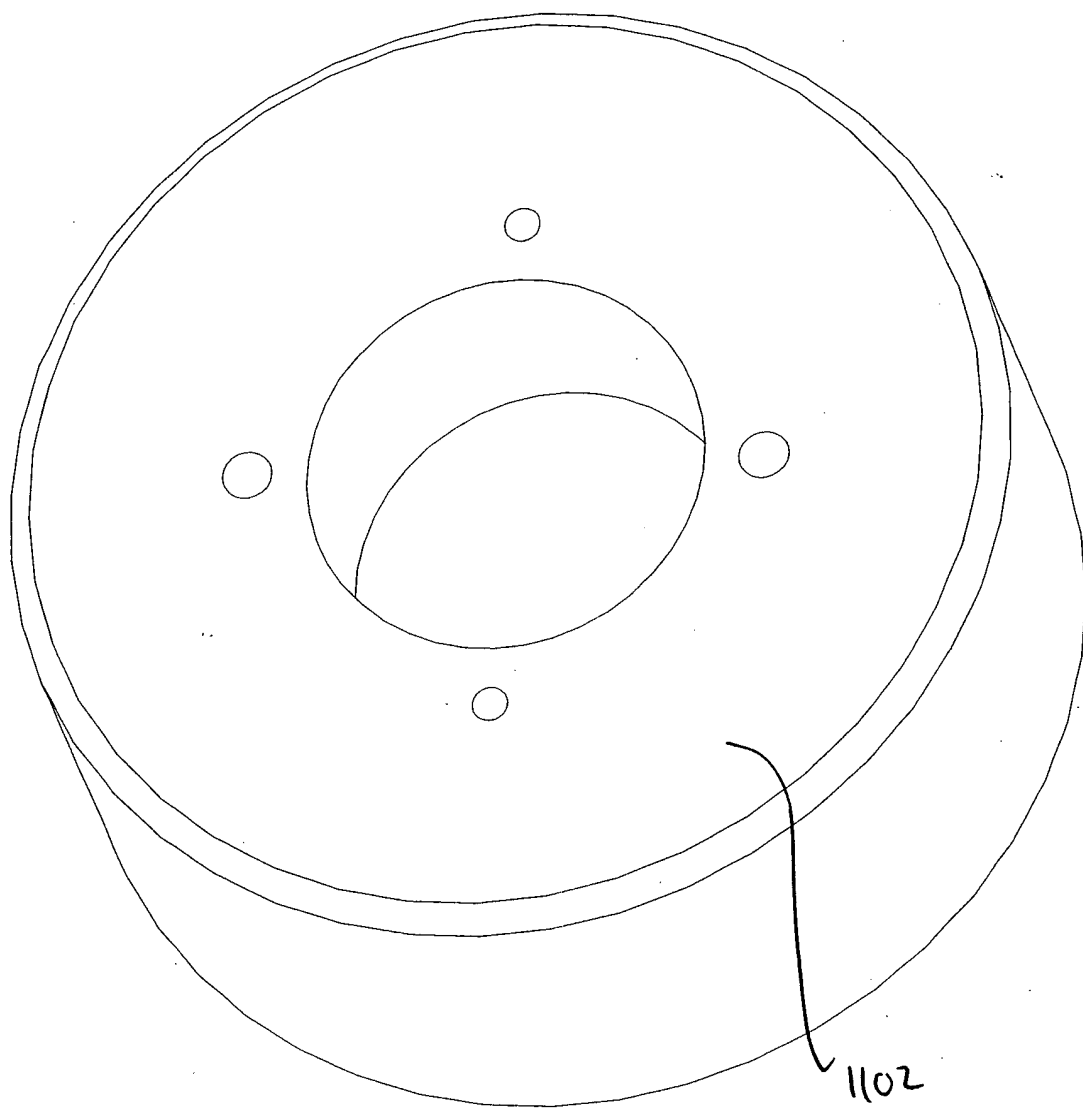
FIG. 1504





F116.151

FIG. 151A



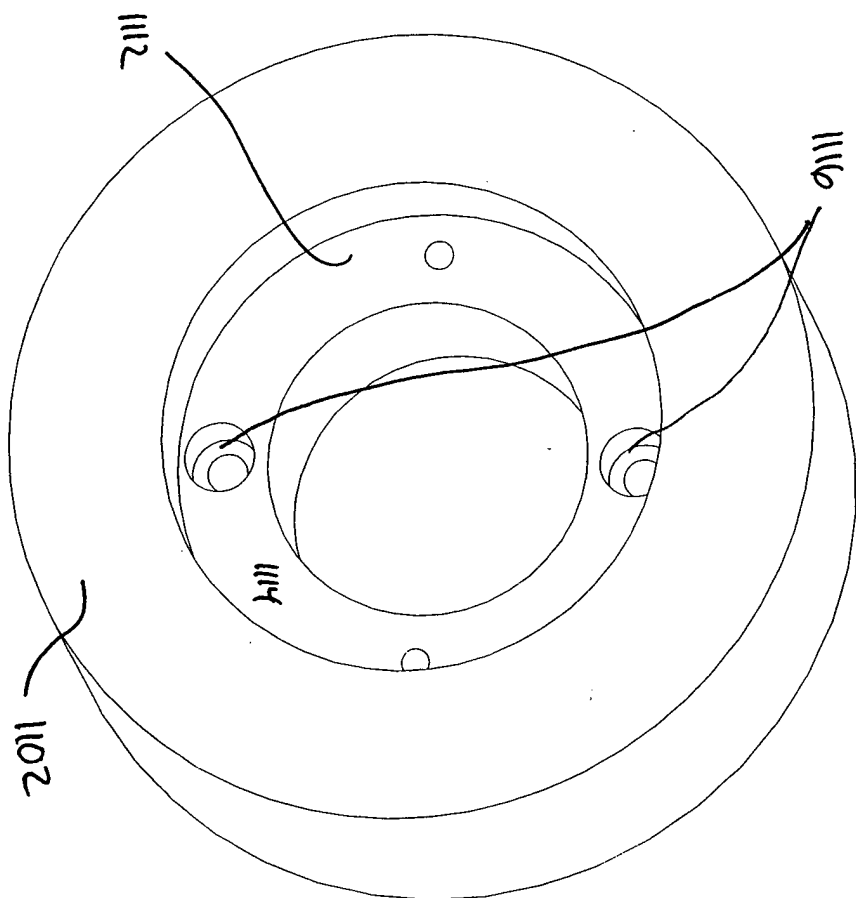
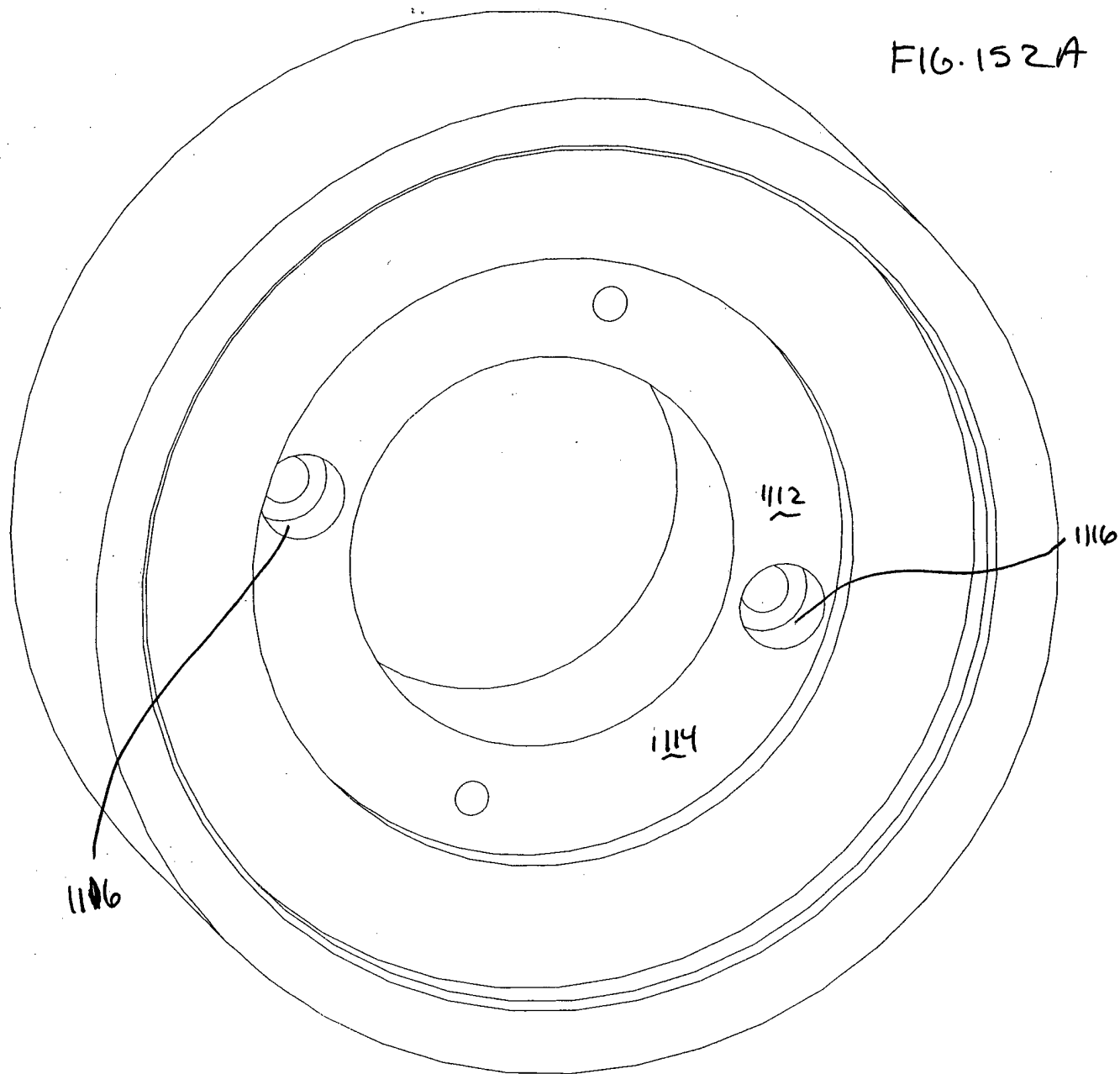


FIG. 152

FIG. 152A



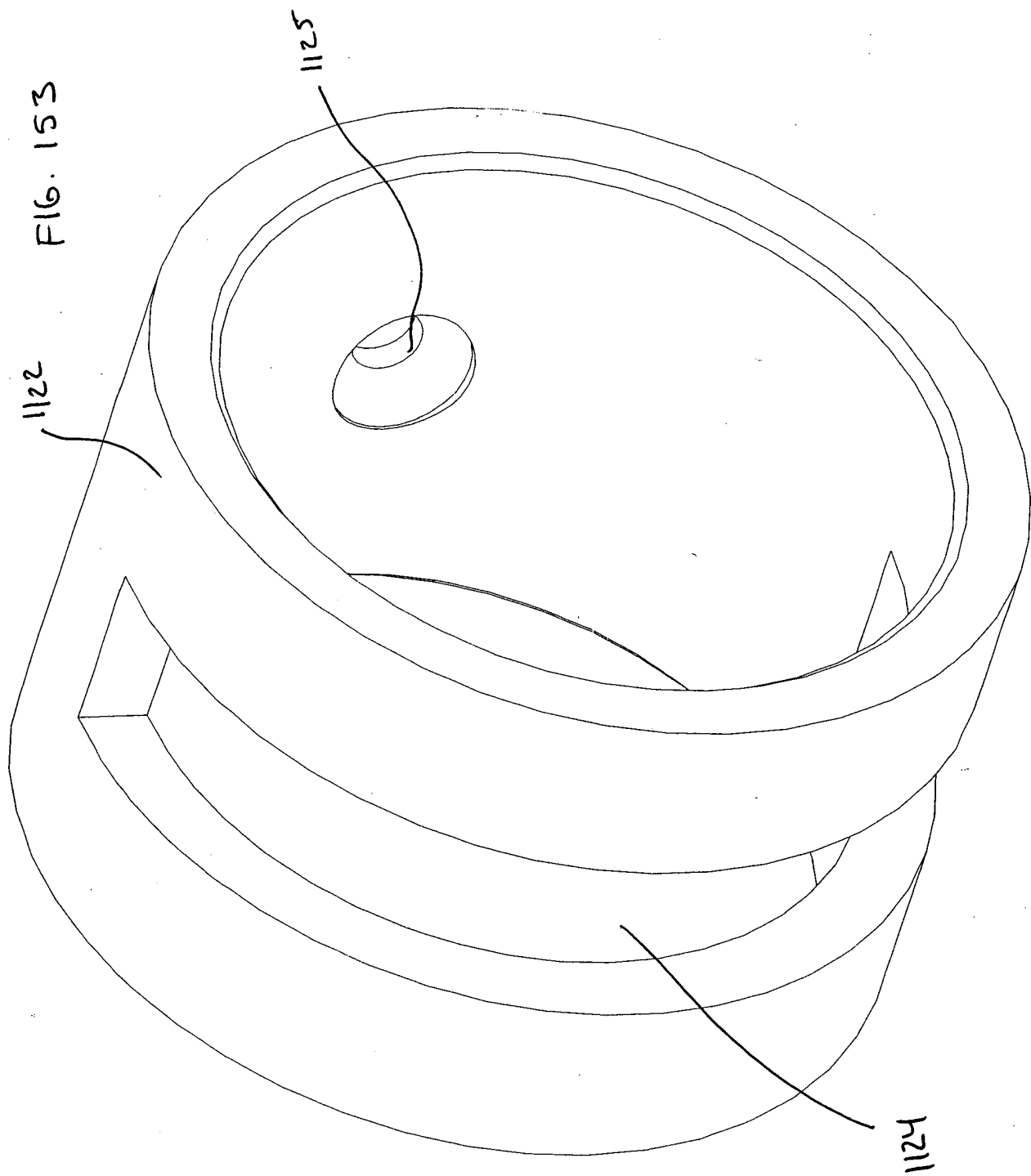
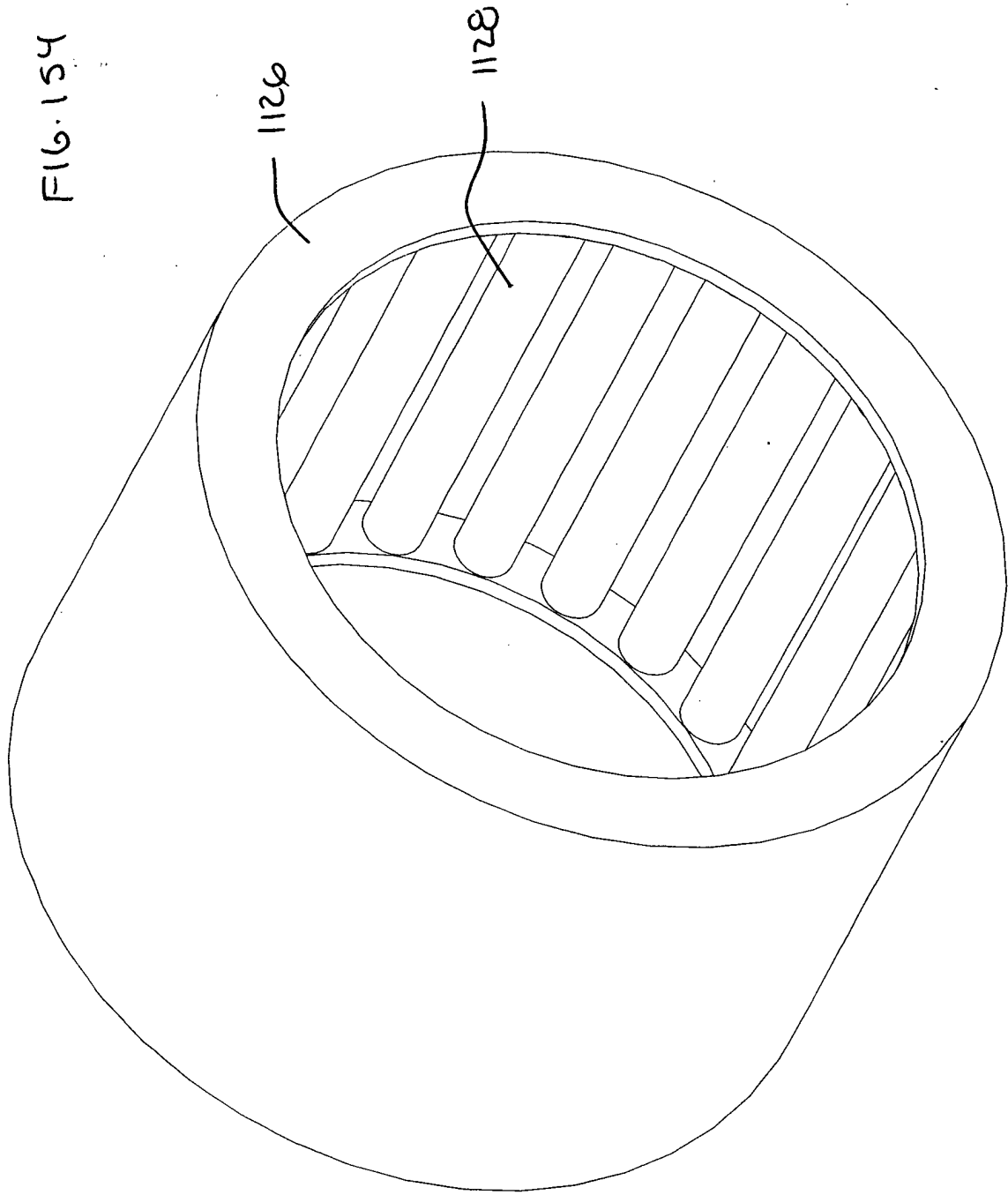


FIG. 154





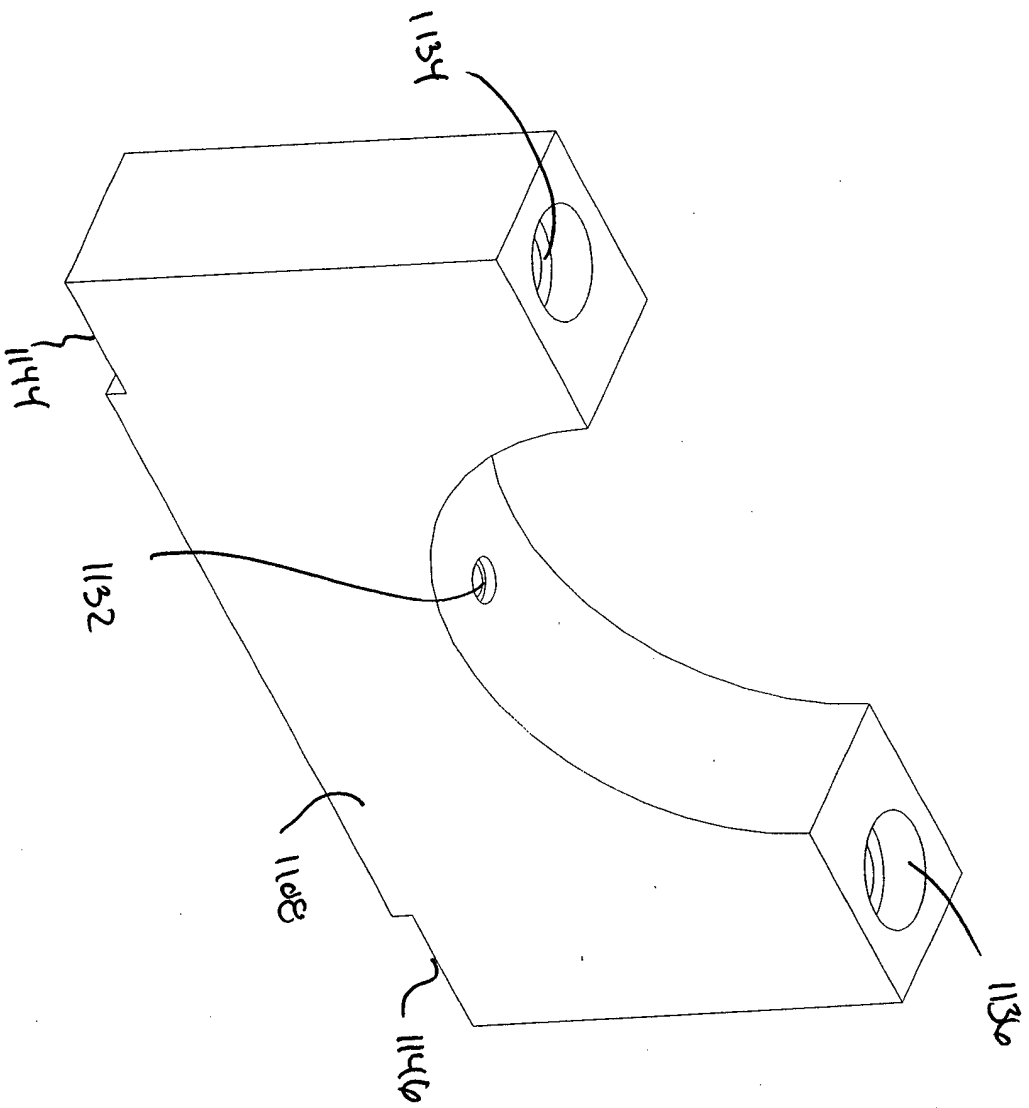


FIG. 155

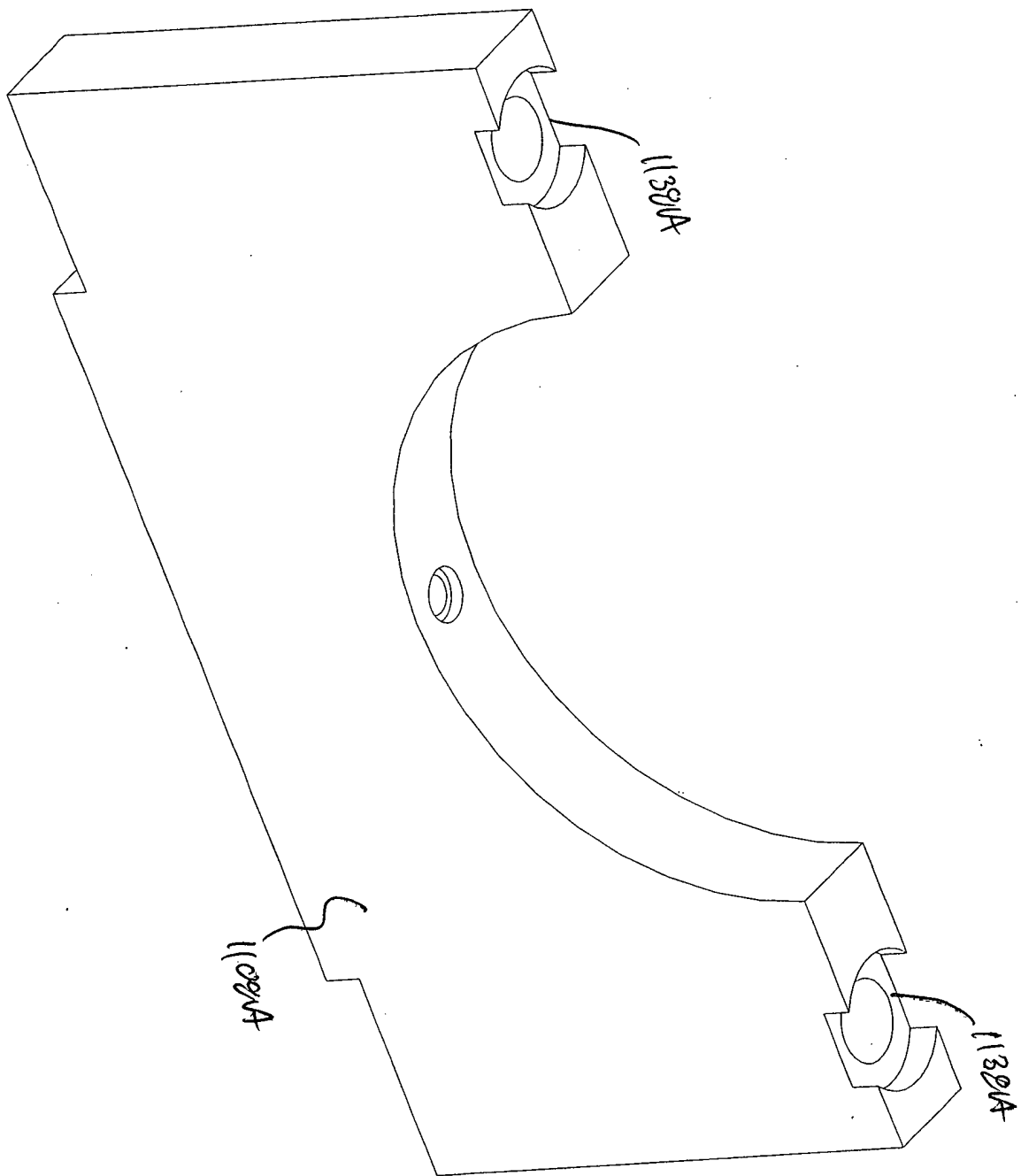


FIG. 155A

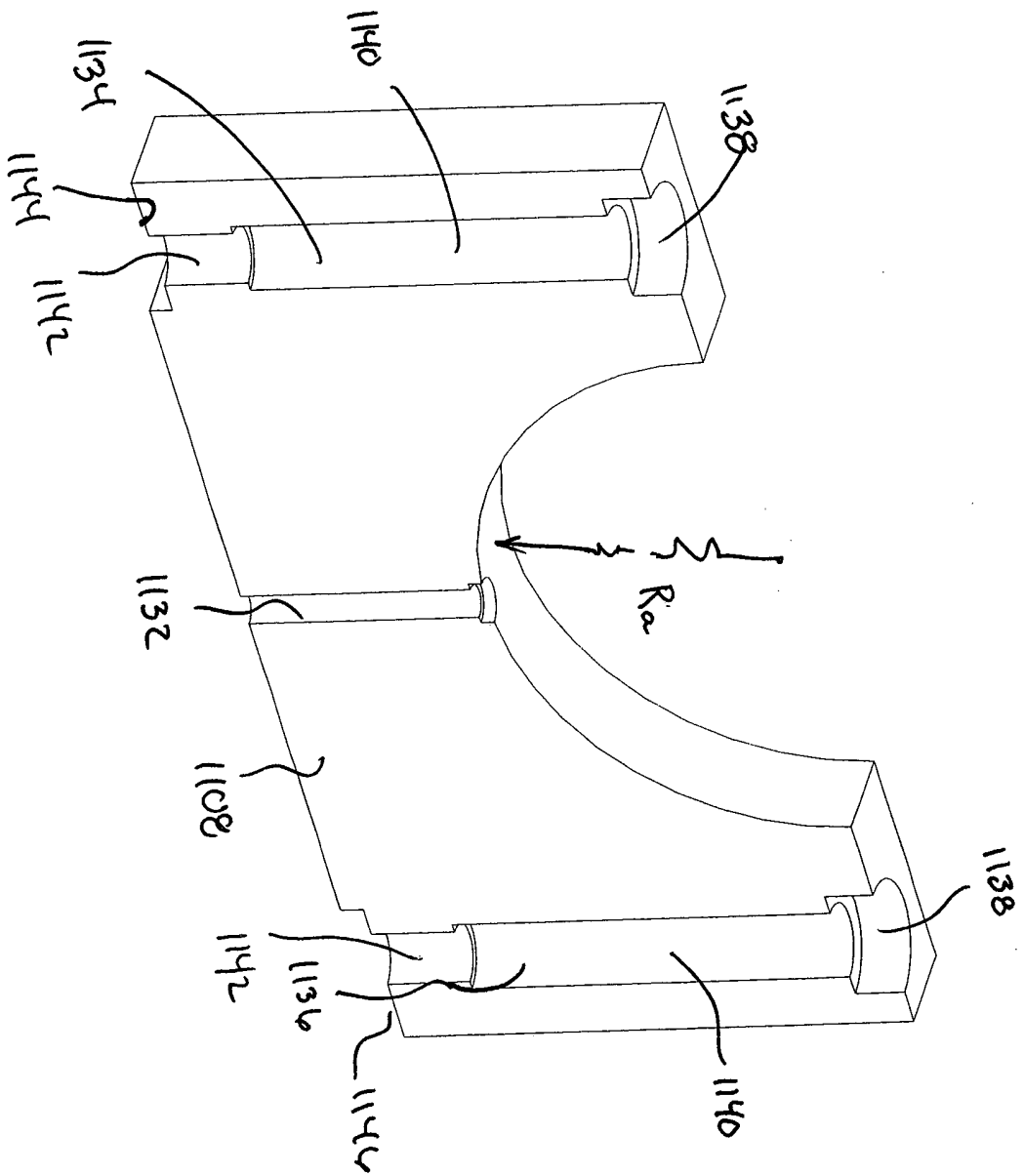


FIG. 15C

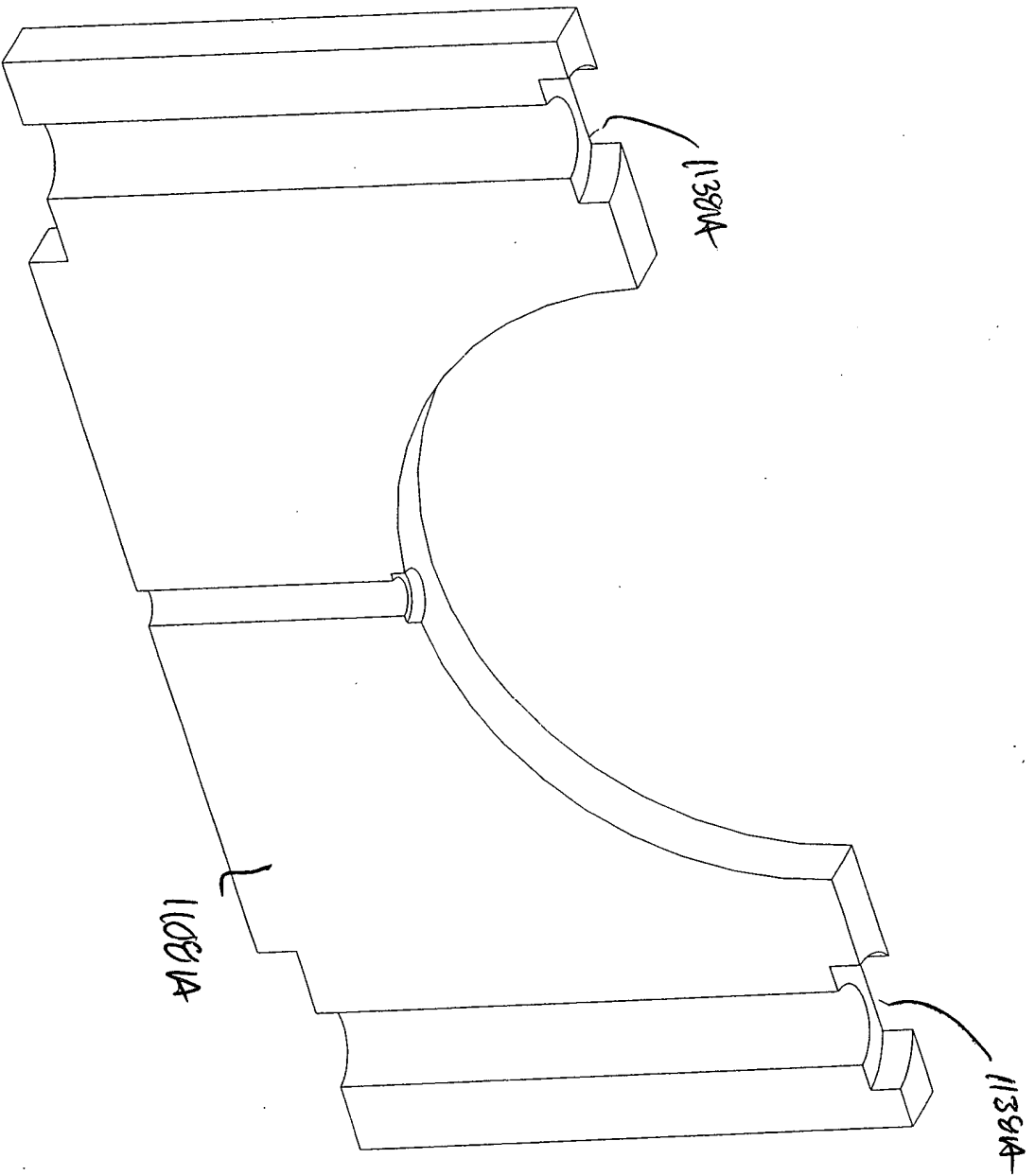
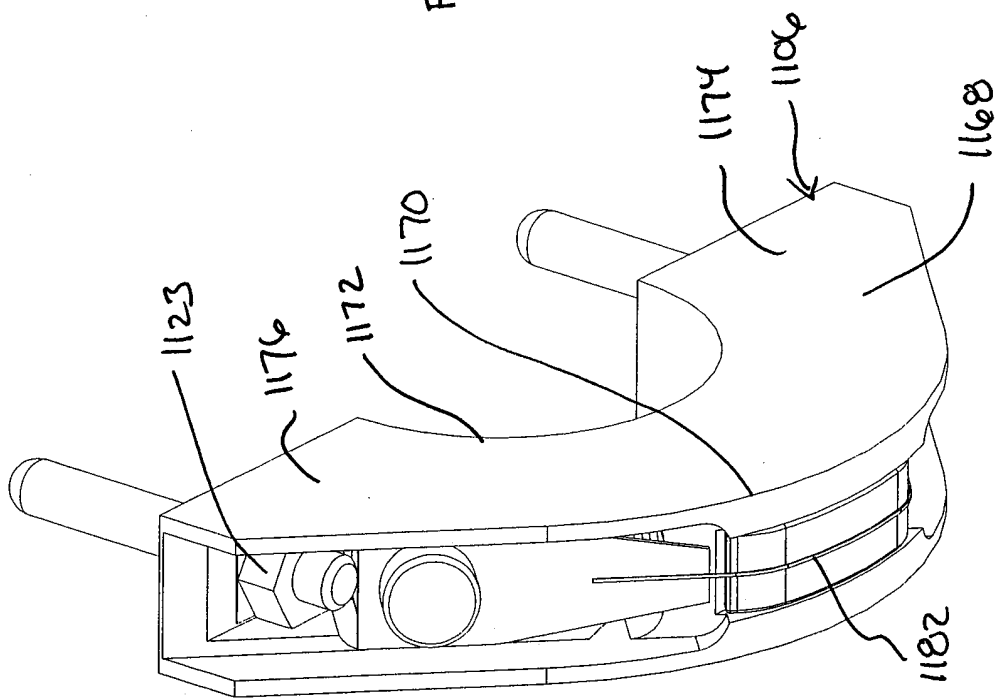


FIG. 156A

FIG. 157



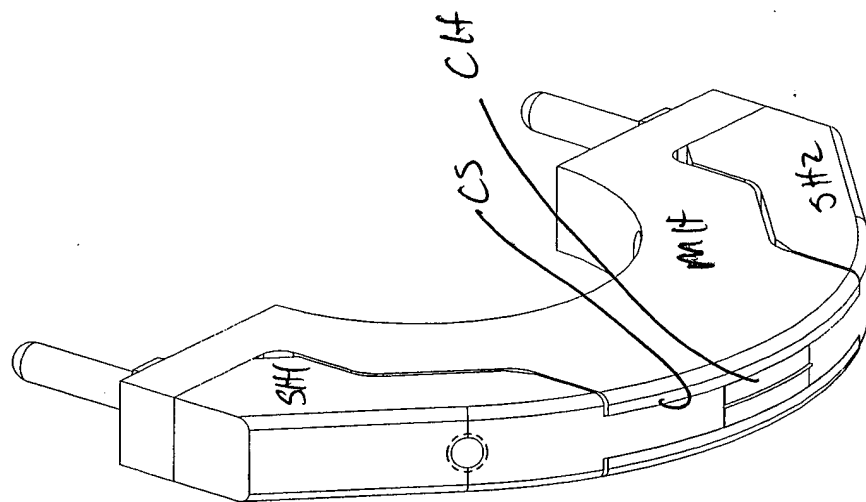
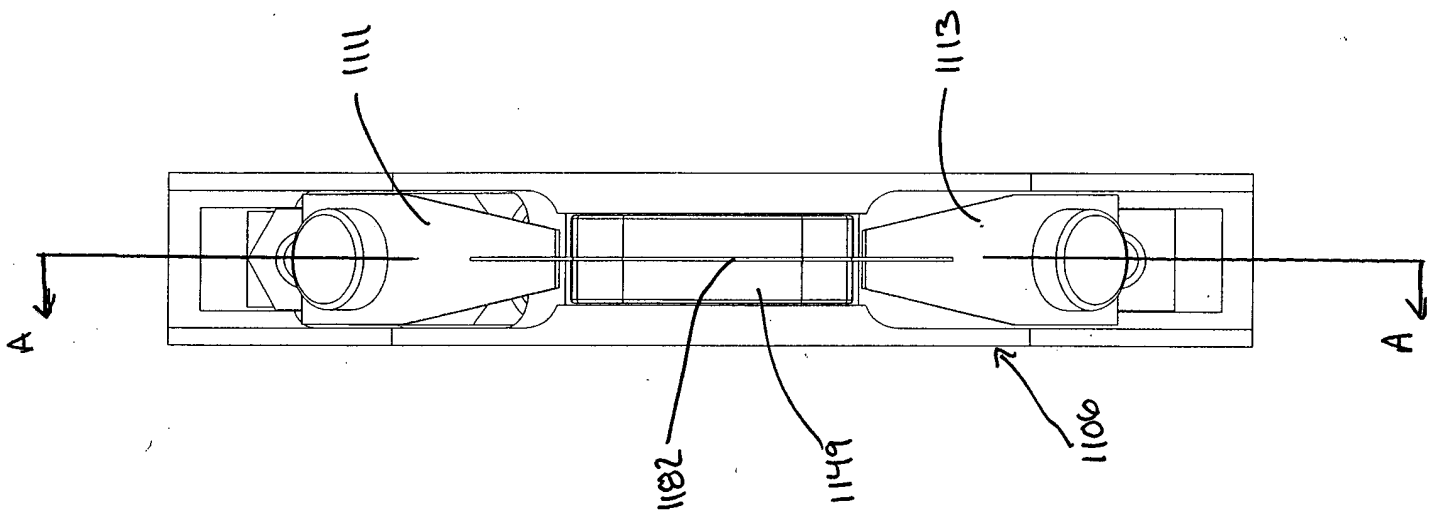


FIG. 157A

FIG. 158



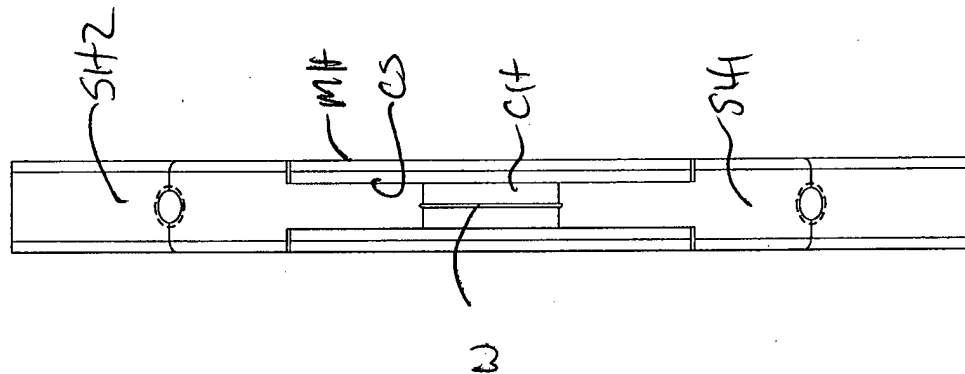
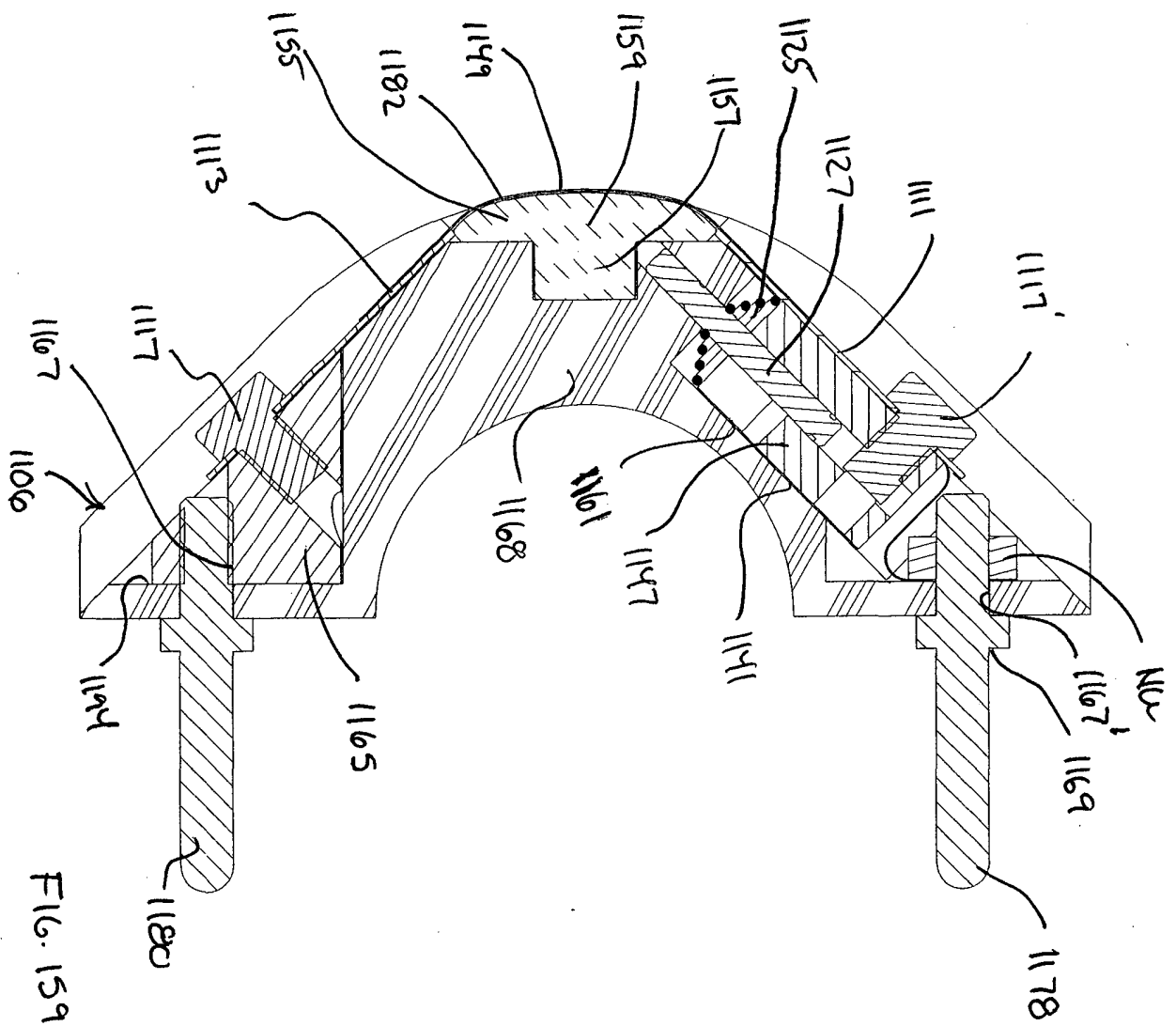


FIG. 158A





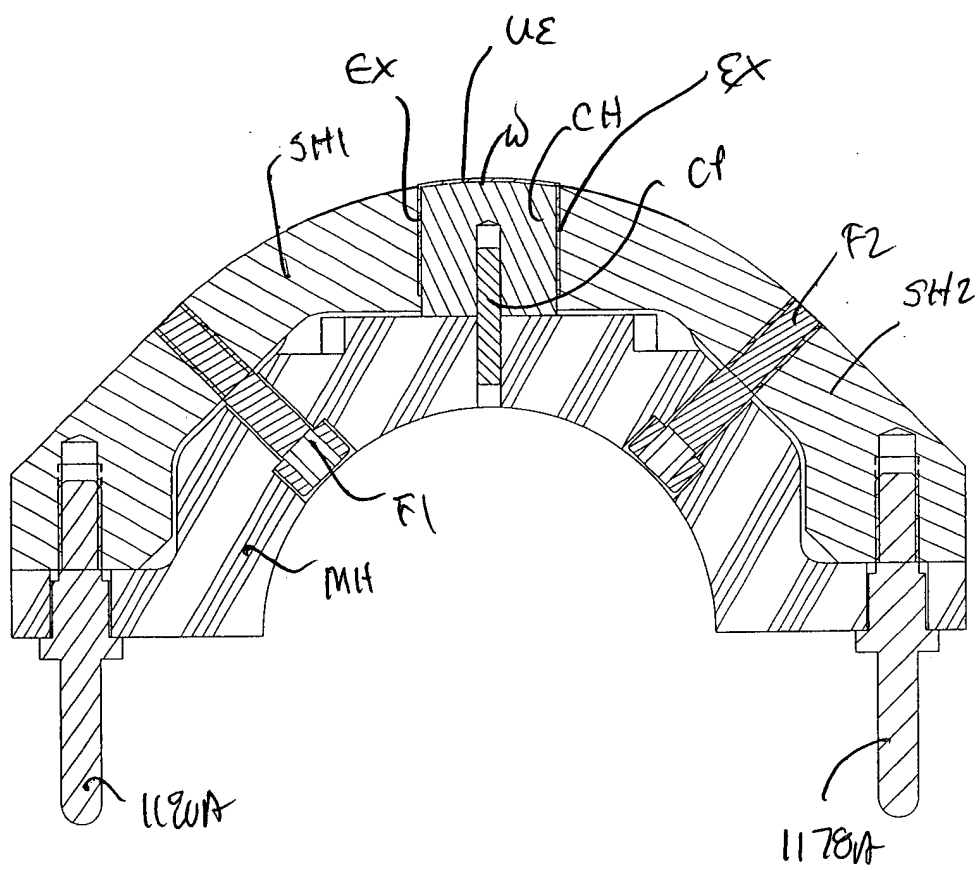


FIG-159A

FIG. 160

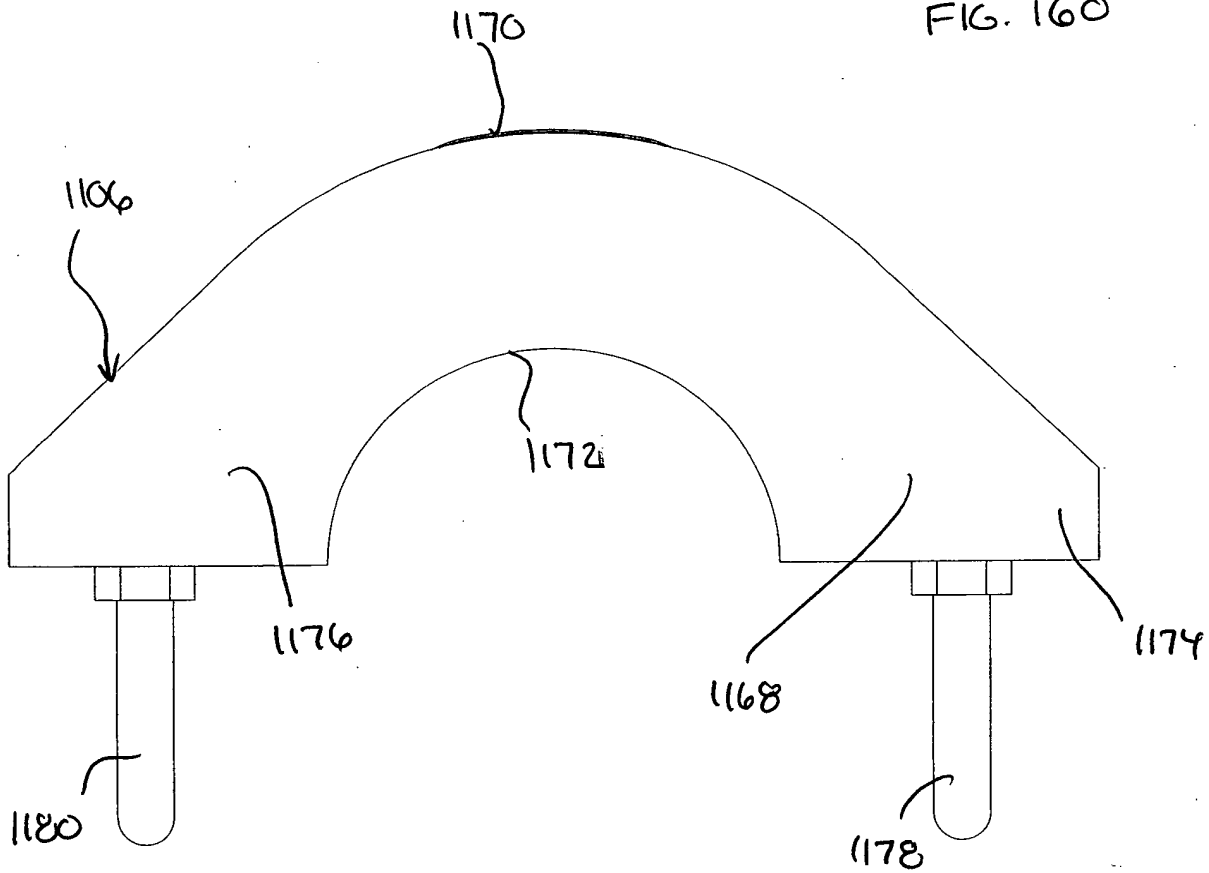
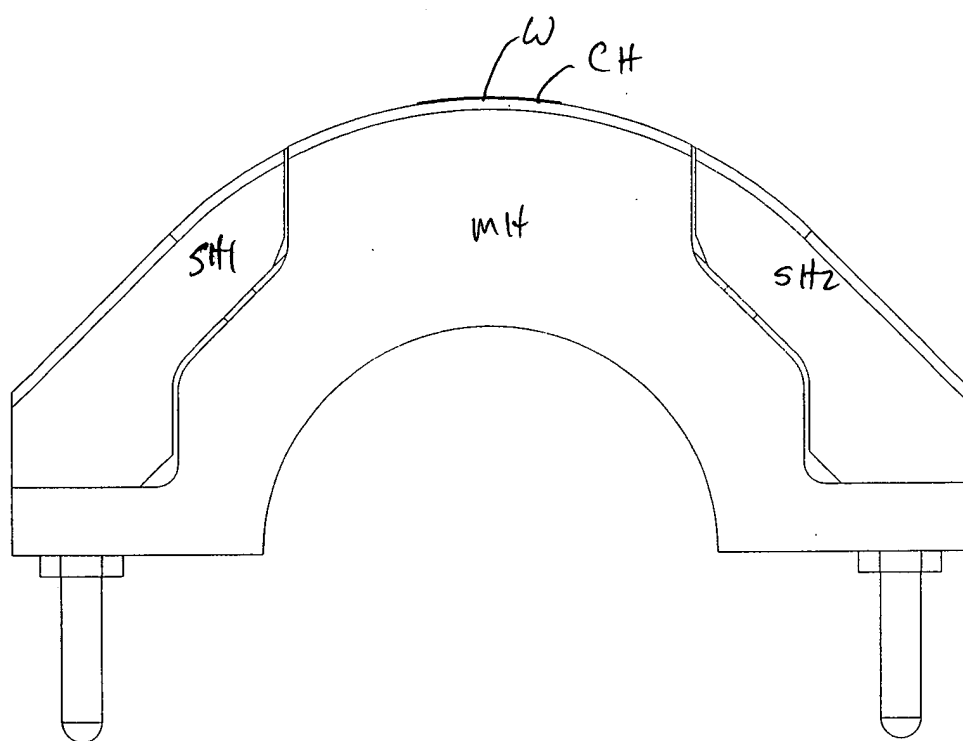


FIG. 160A



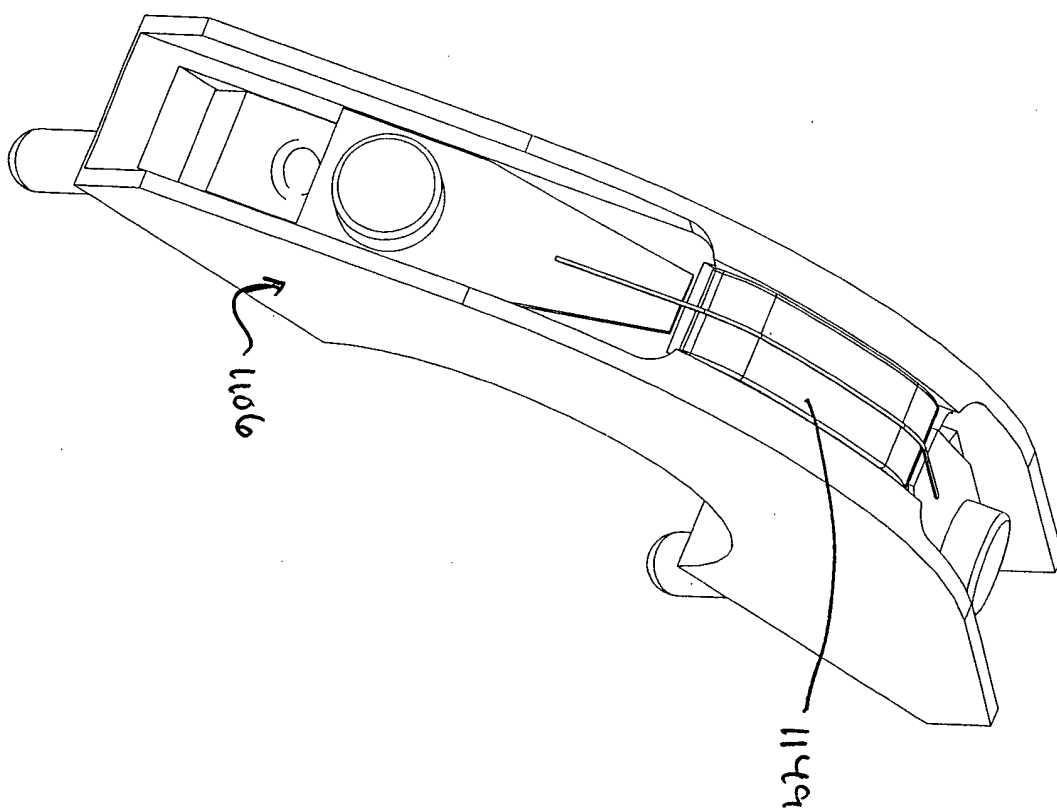


FIG. 161

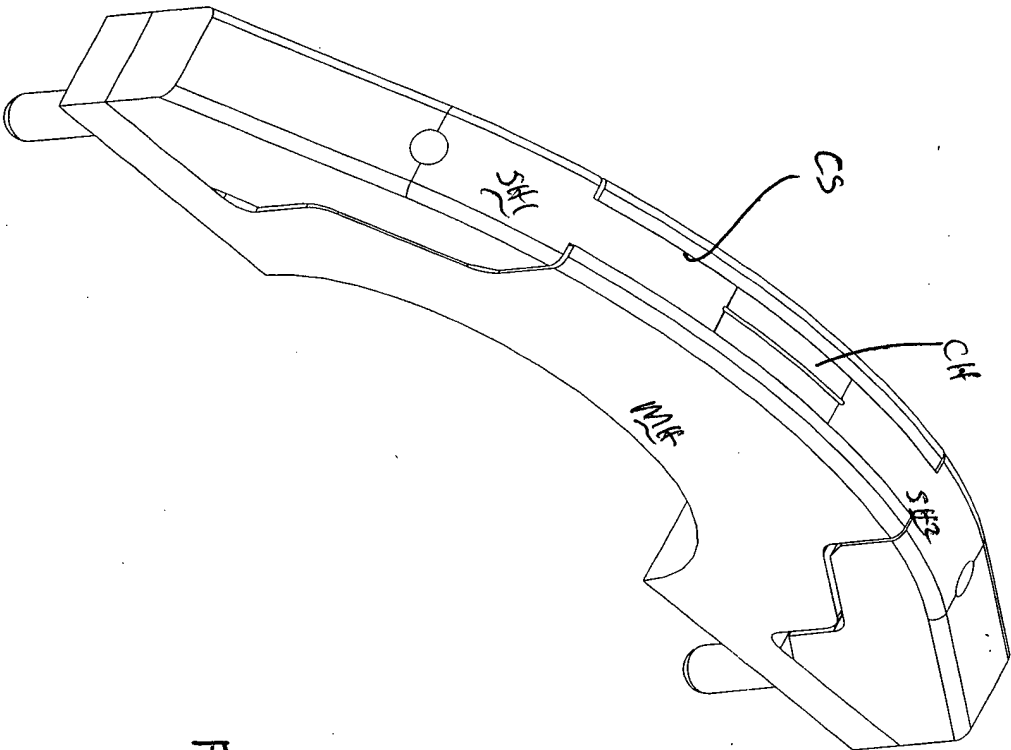


FIG. 161A

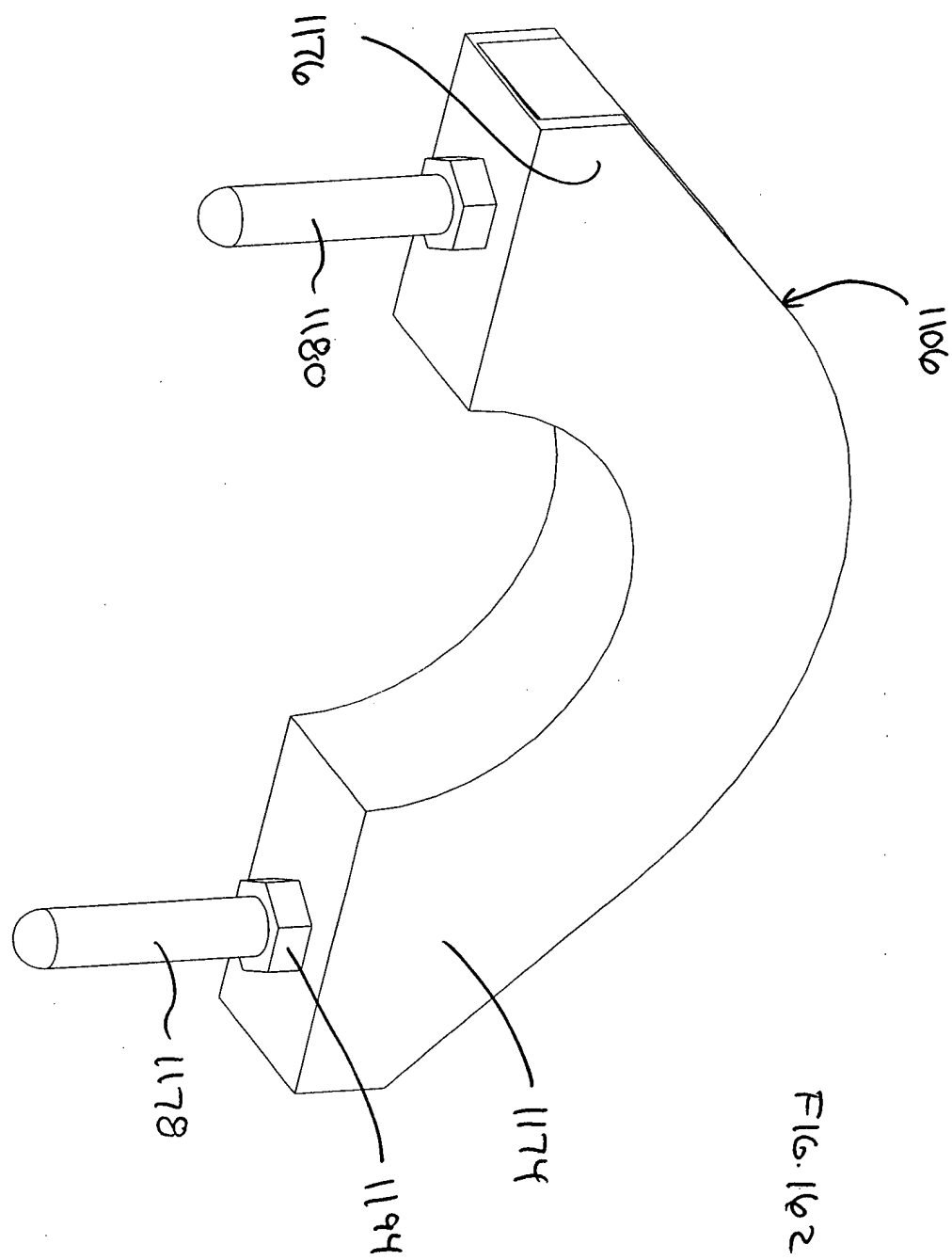


FIG. 162

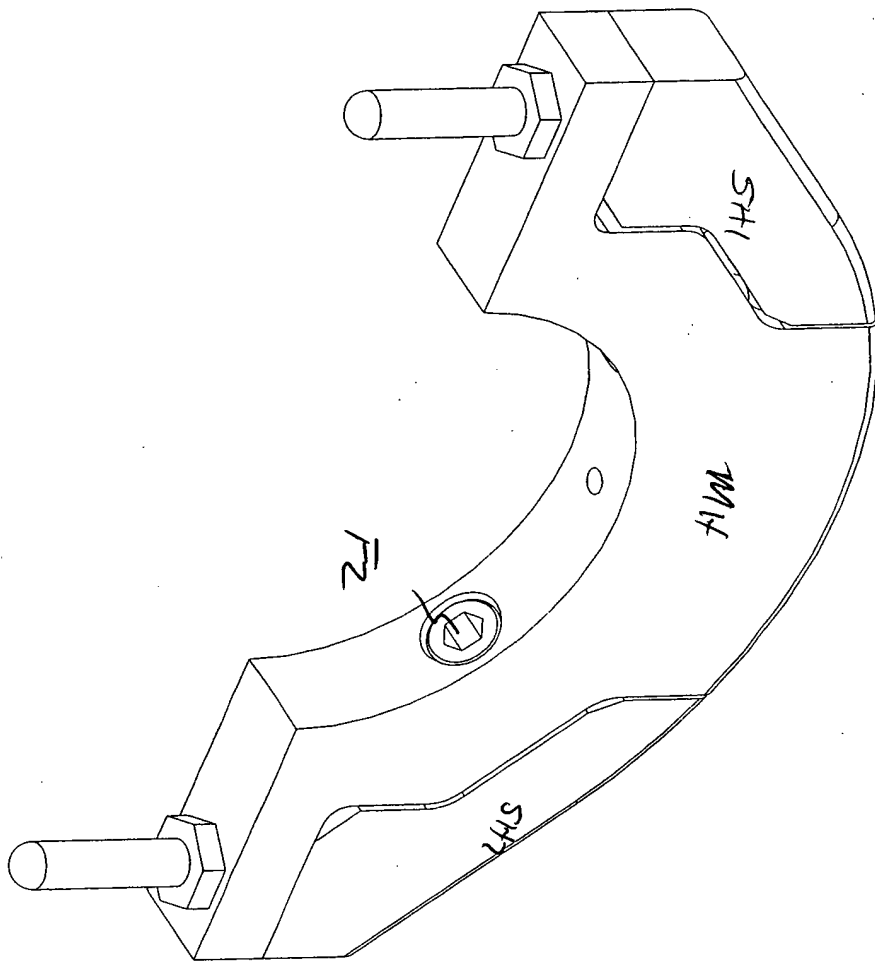


FIG. 1624



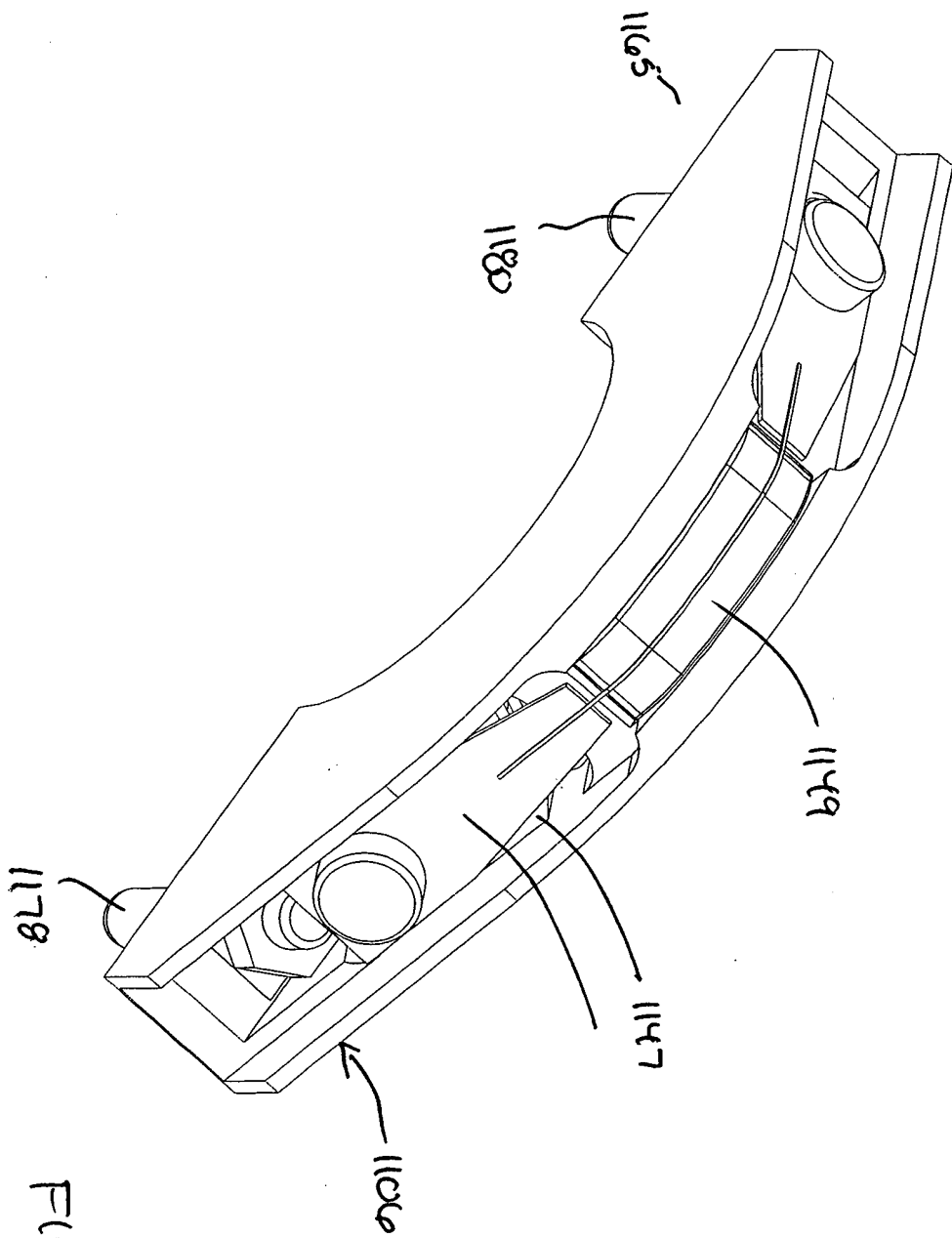


FIG. 163

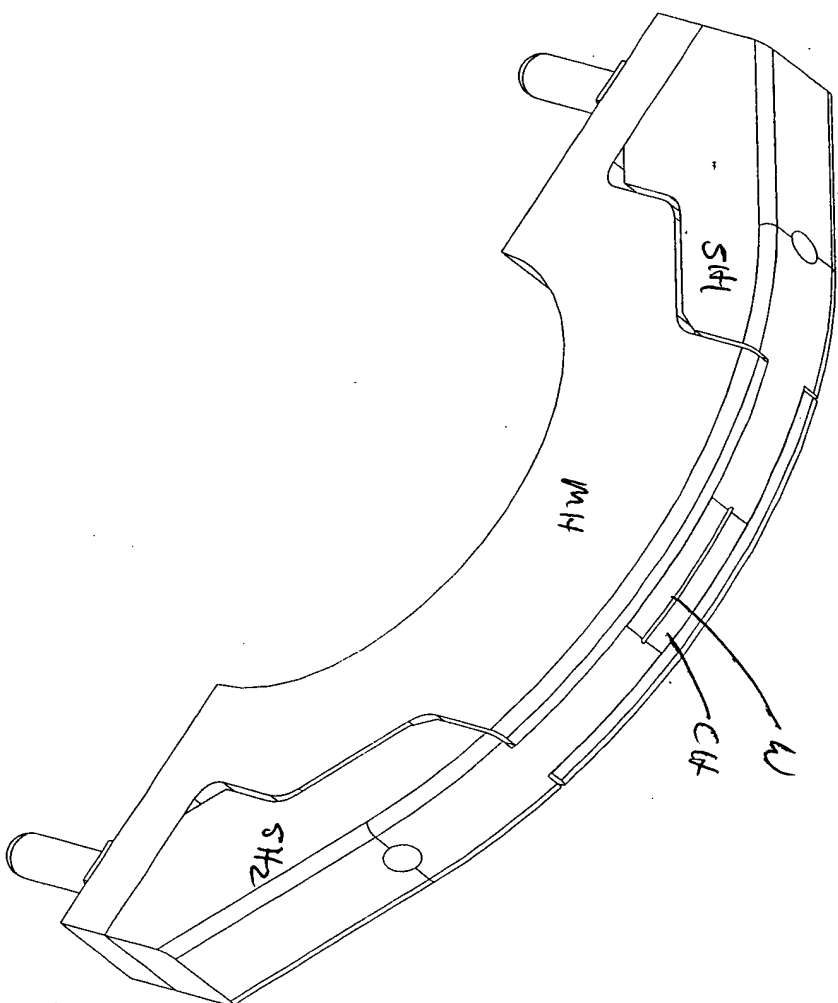


FIG. 163A

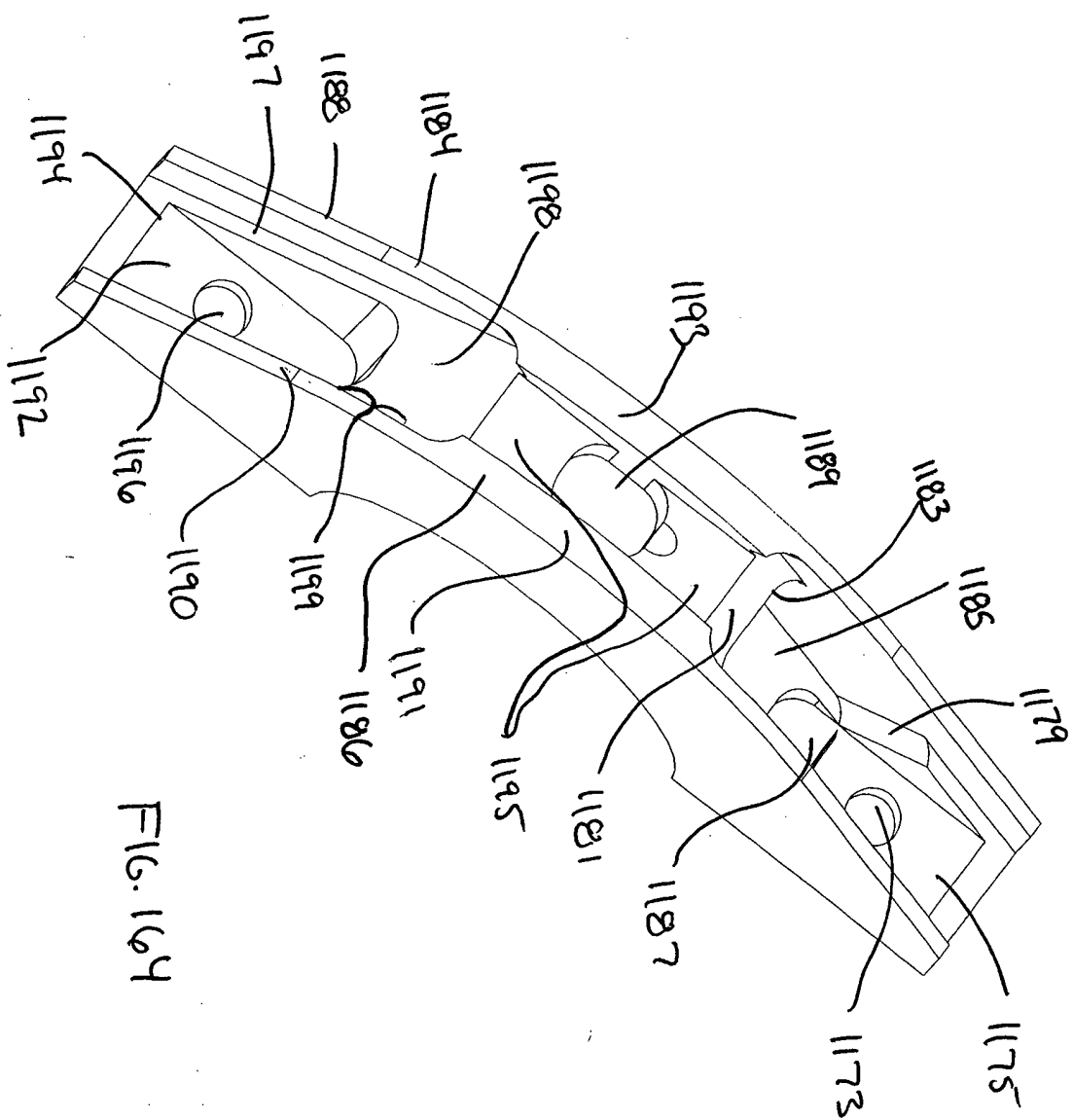


FIG. 164

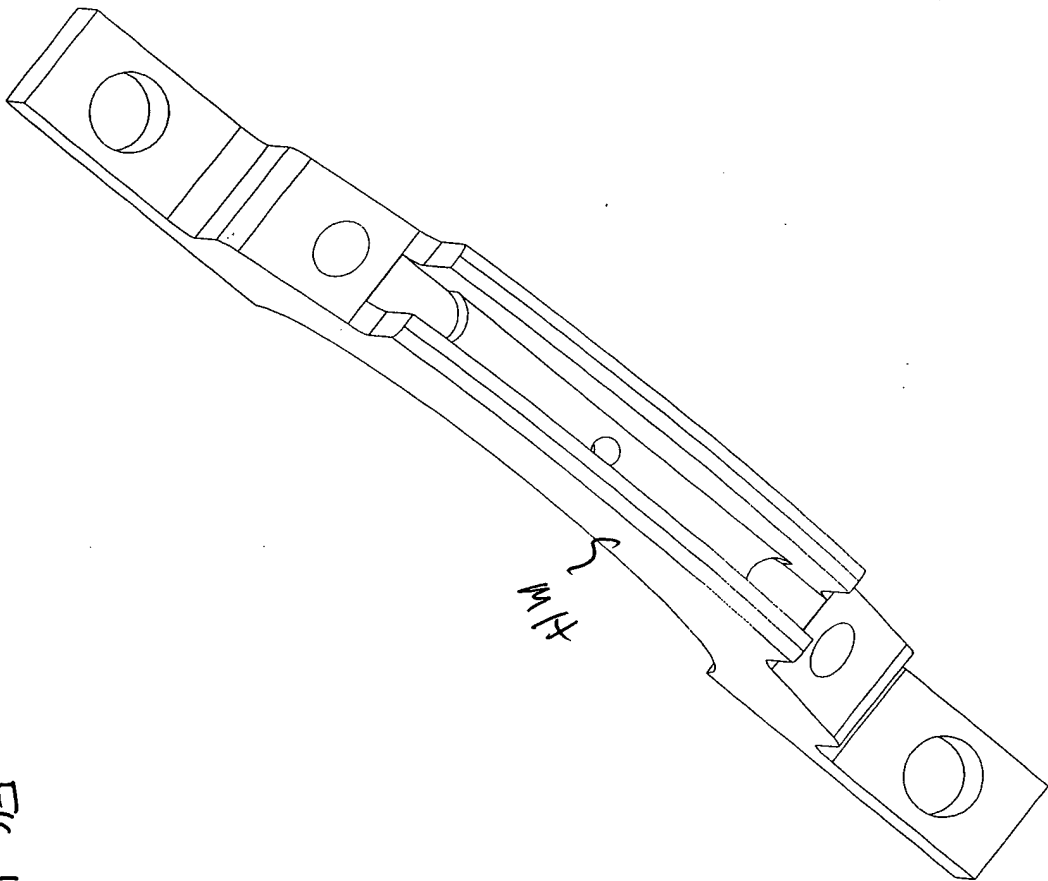
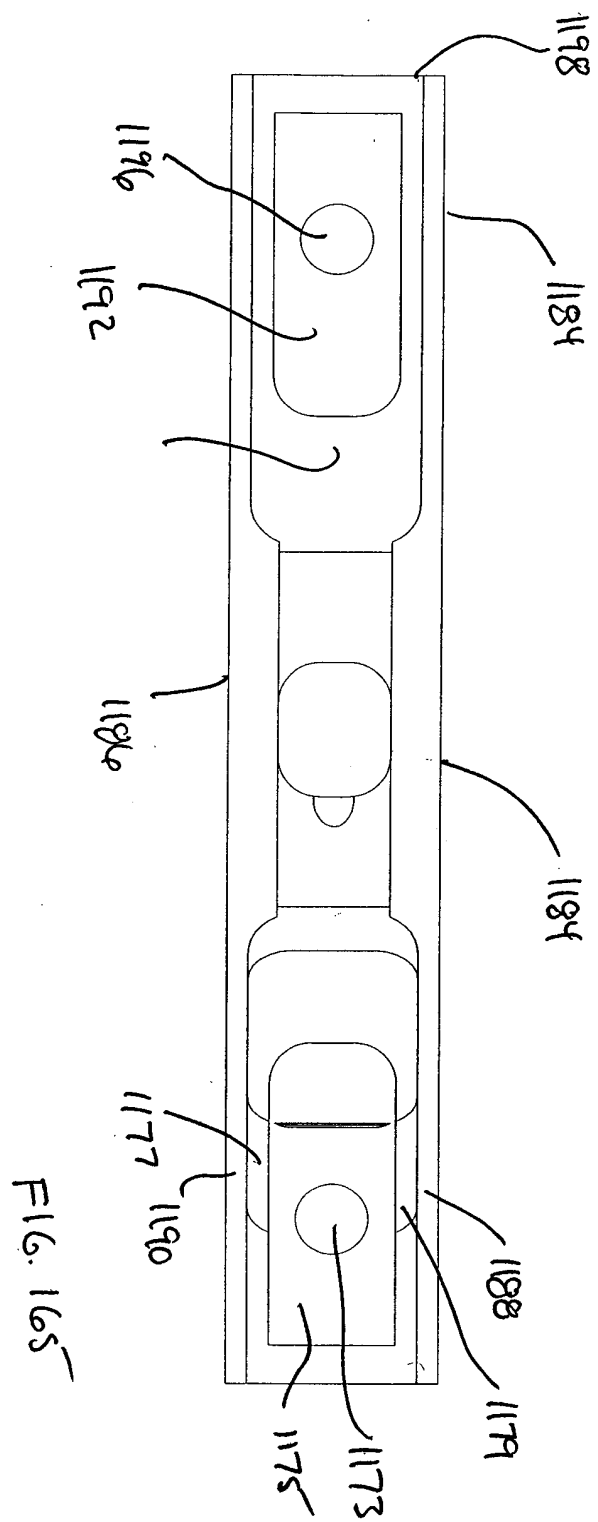


FIG. 164A



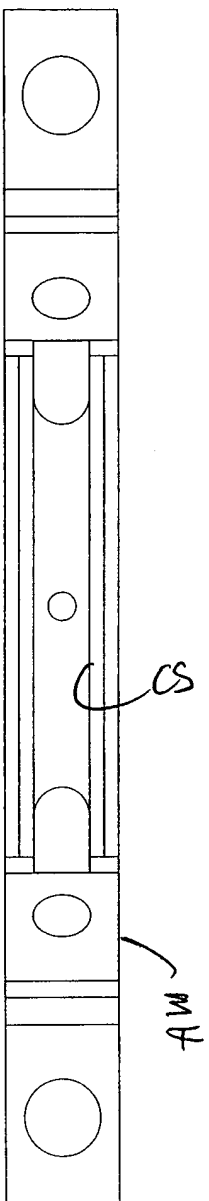


FIG. 165A

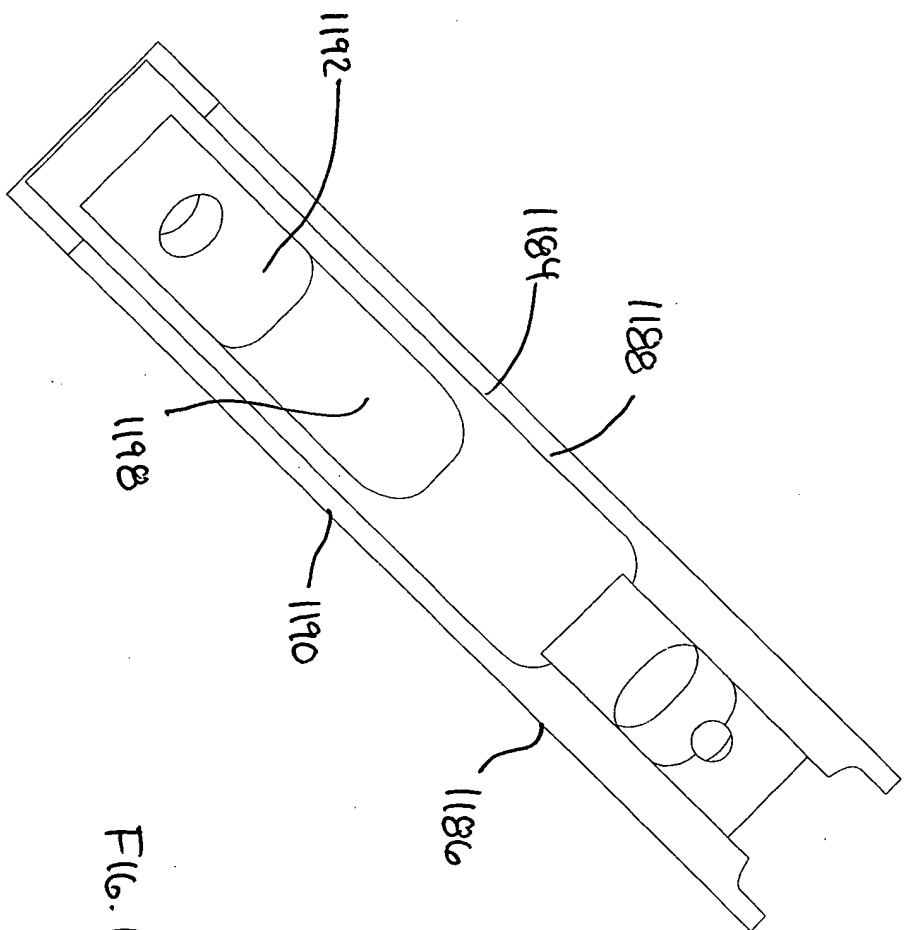


FIG. 166

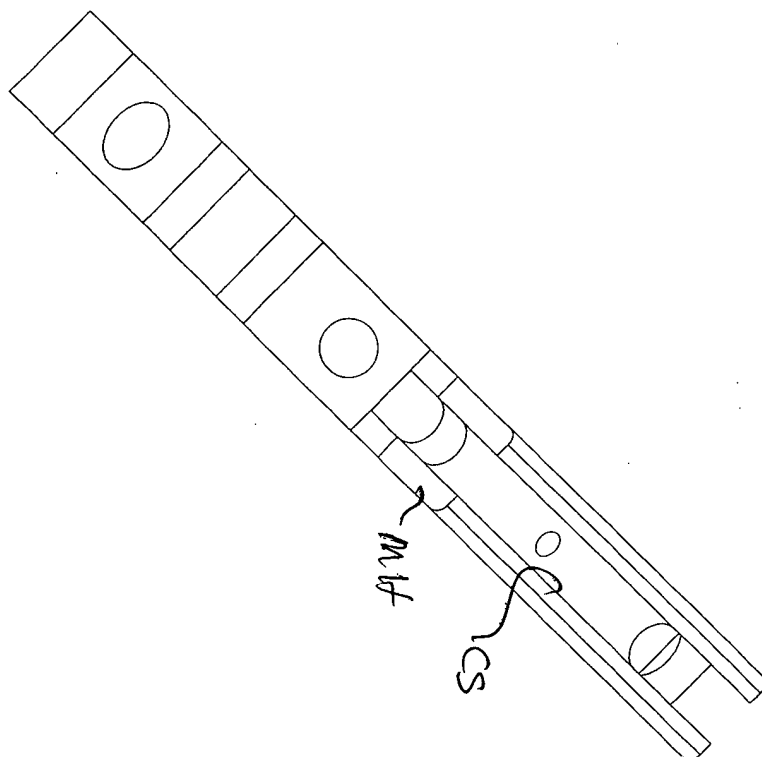


FIG. 1664



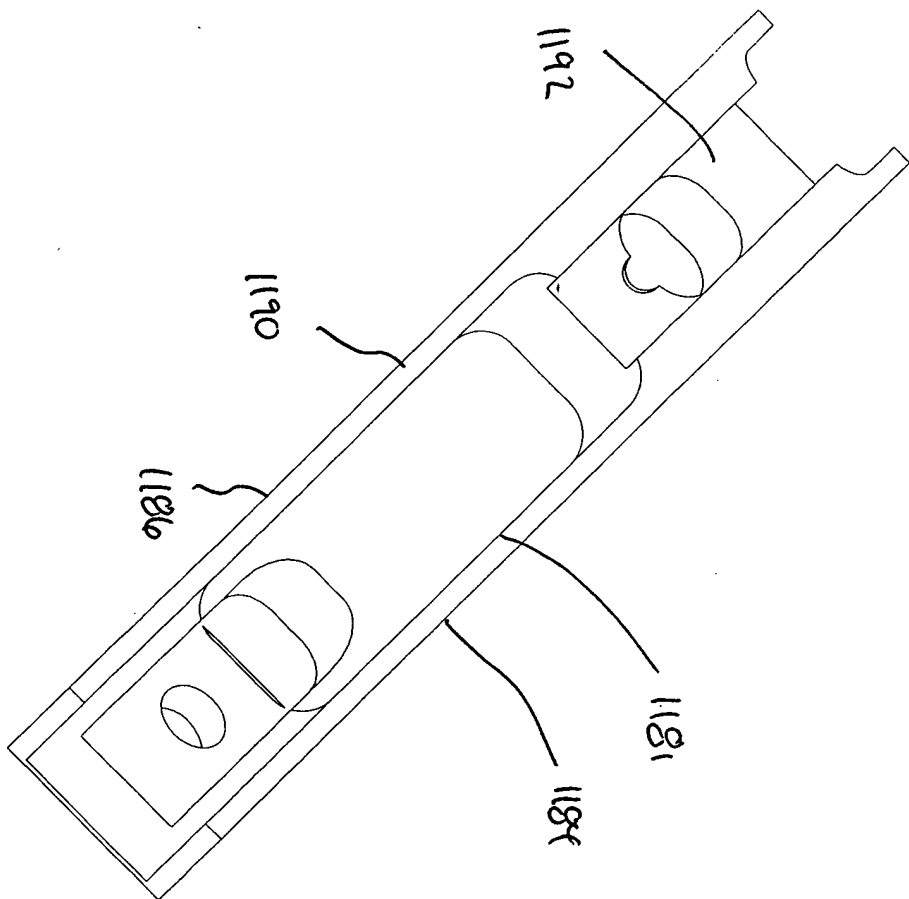


FIG. 167

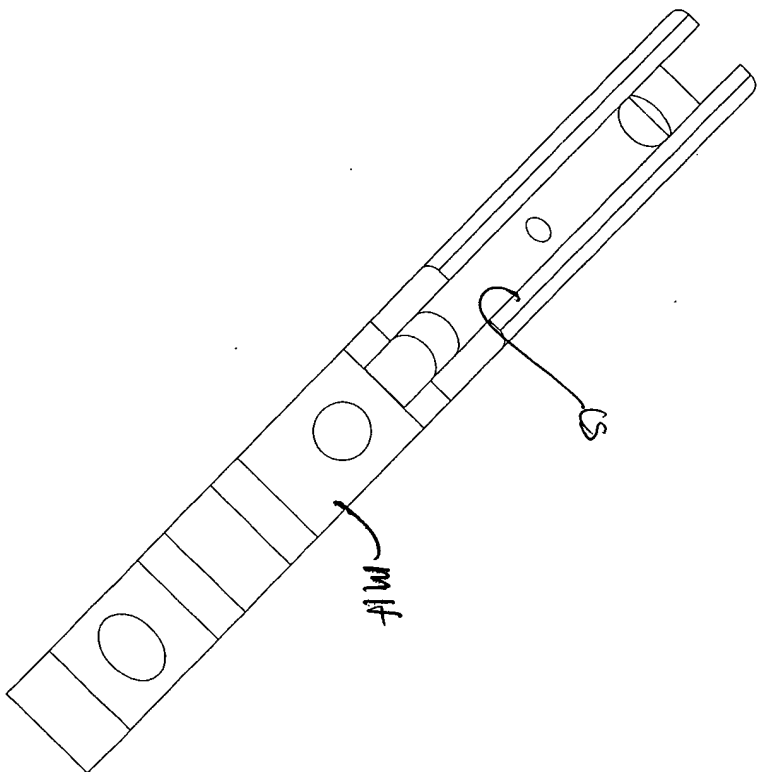
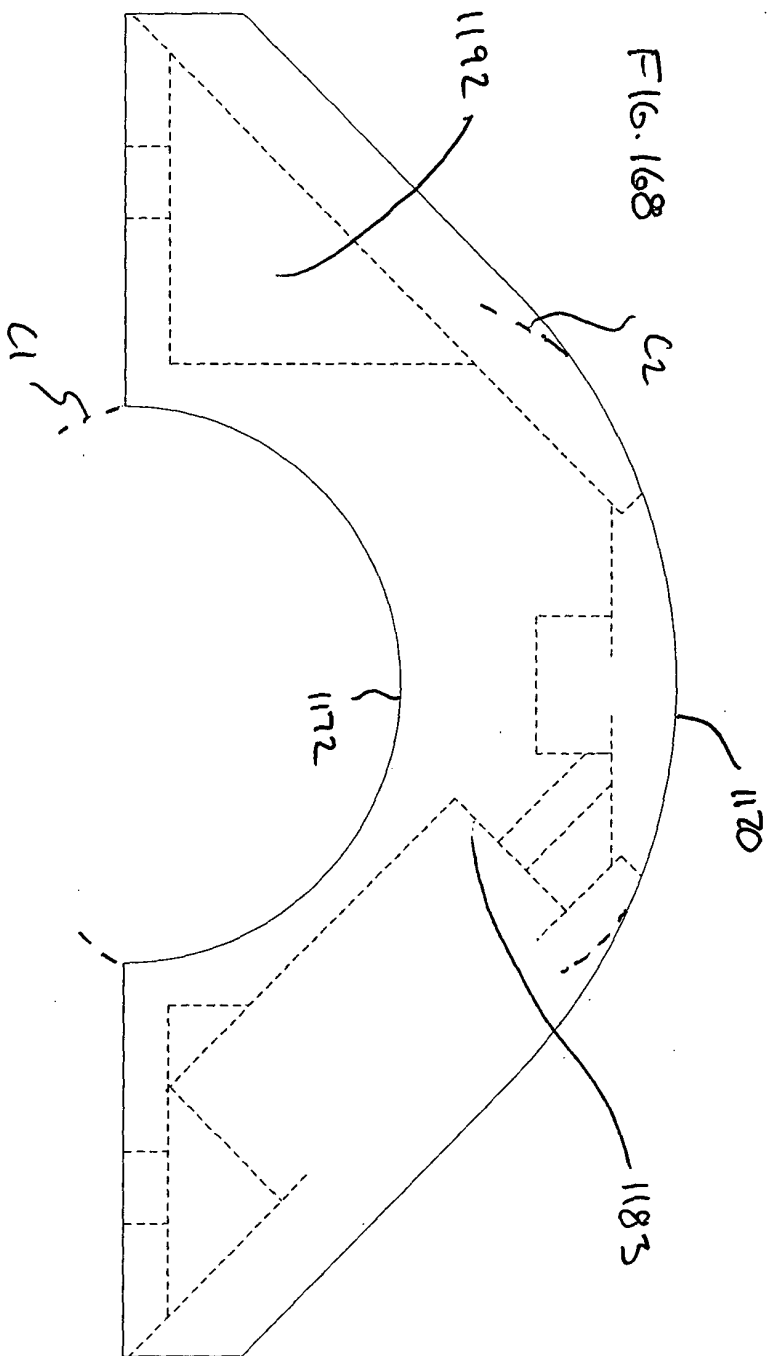


Fig. 16214



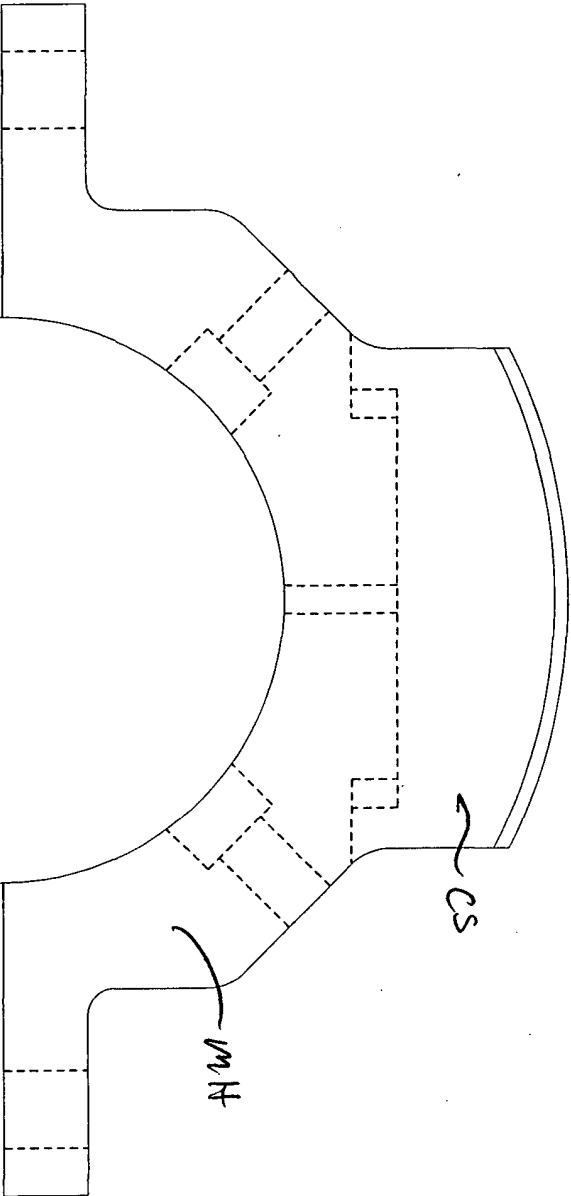


FIG. 1684

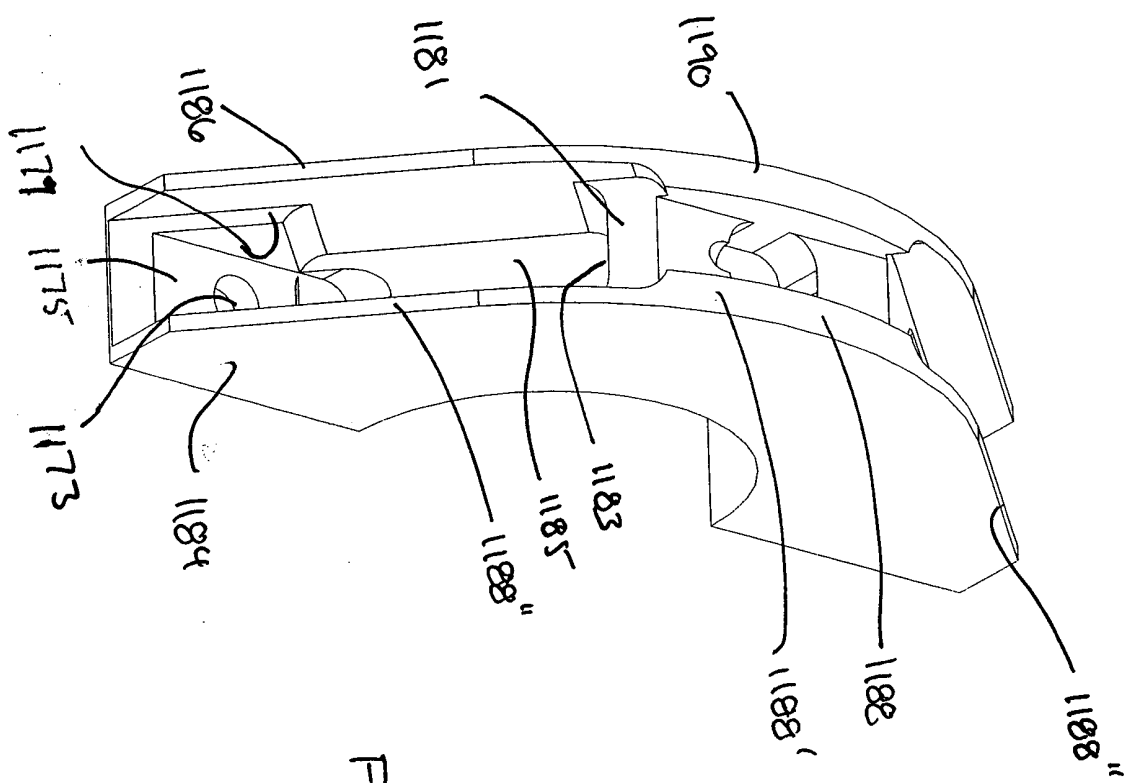


FIG. 169

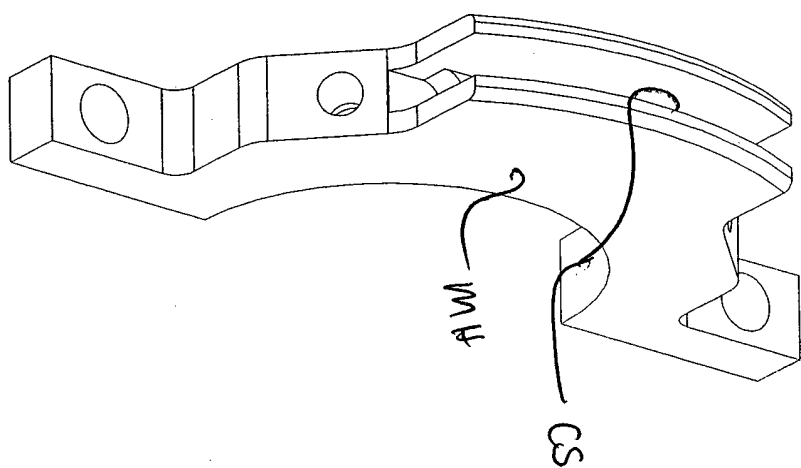


FIG. 169A

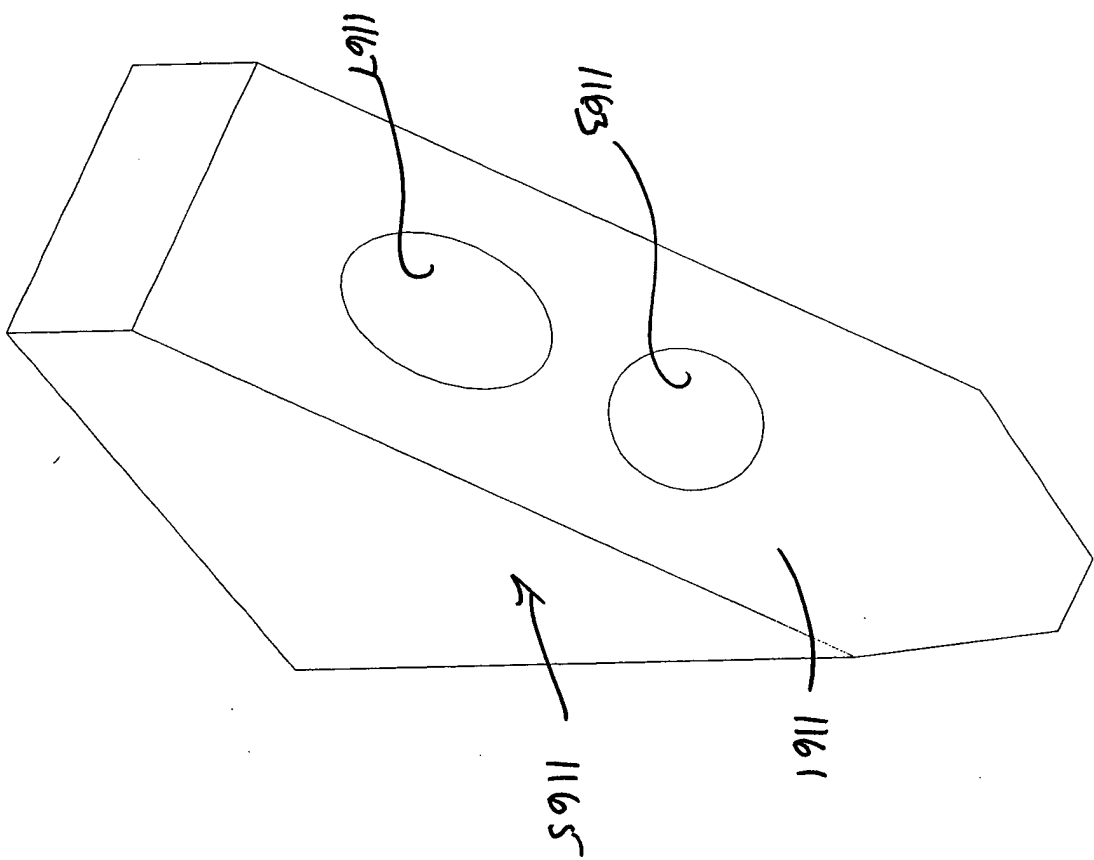


FIG. 170

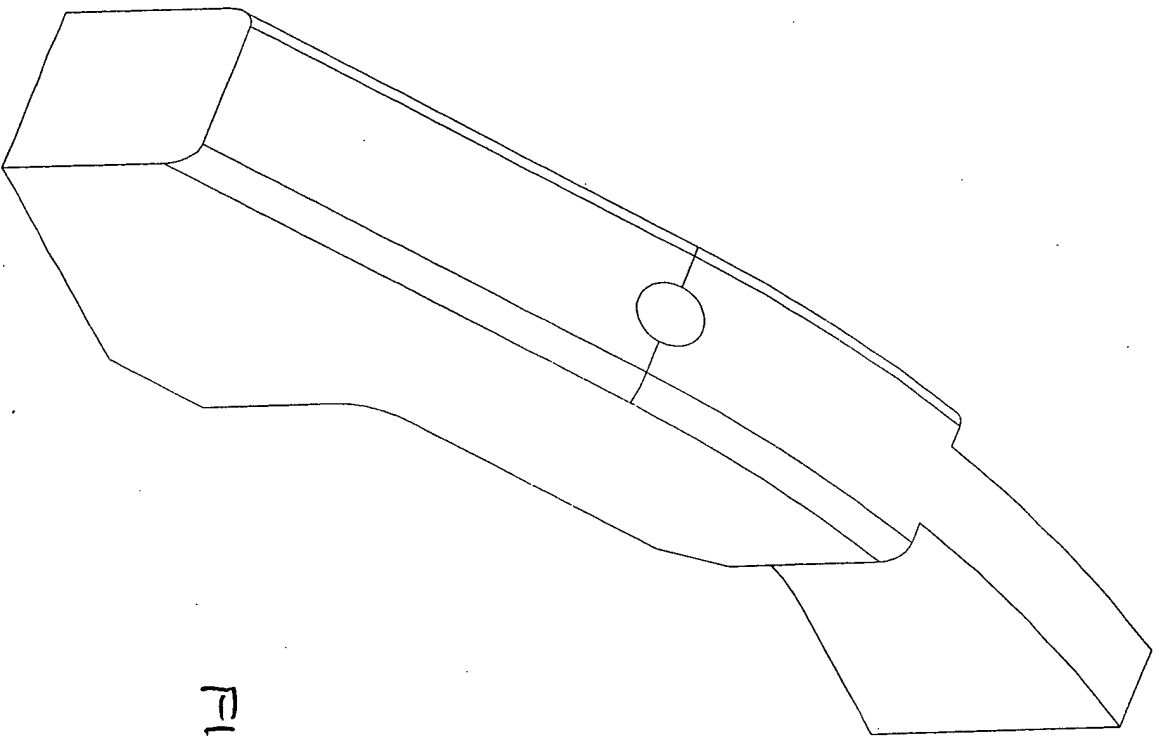


FIG. 1704



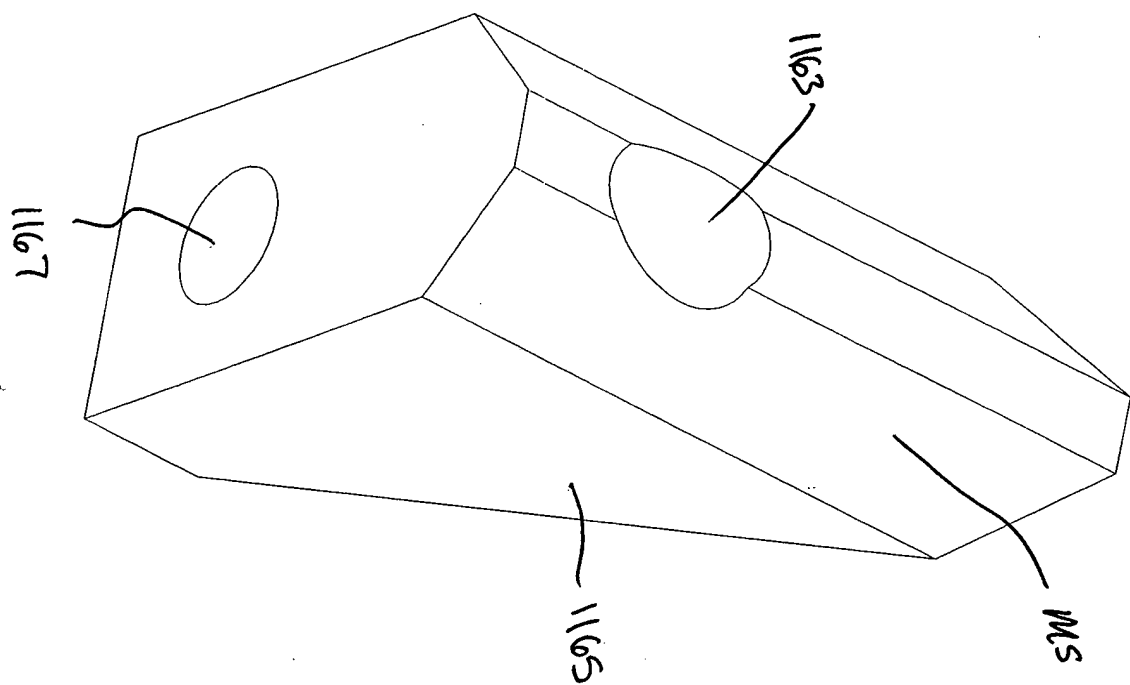


FIG. 171

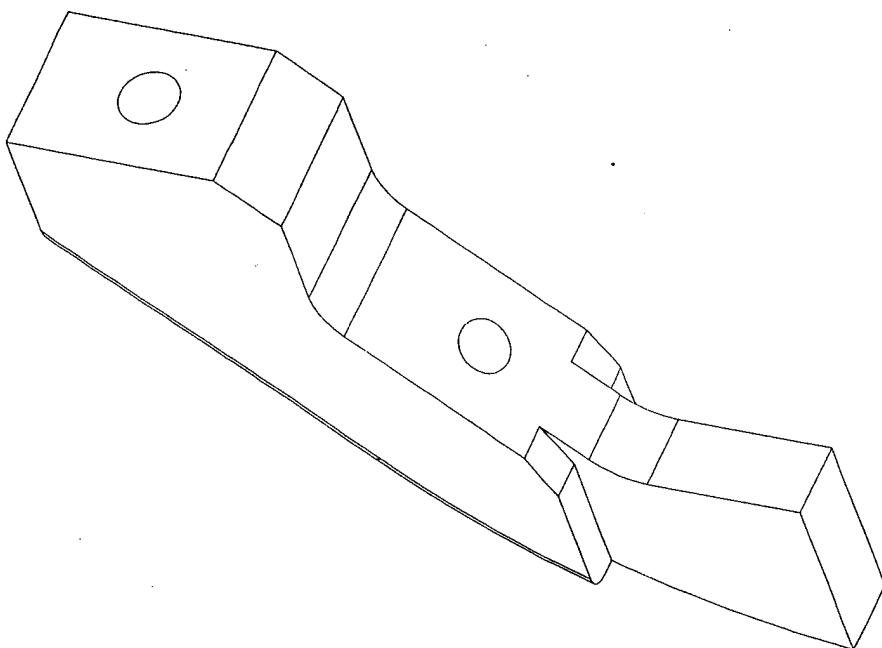


FIG. 171A

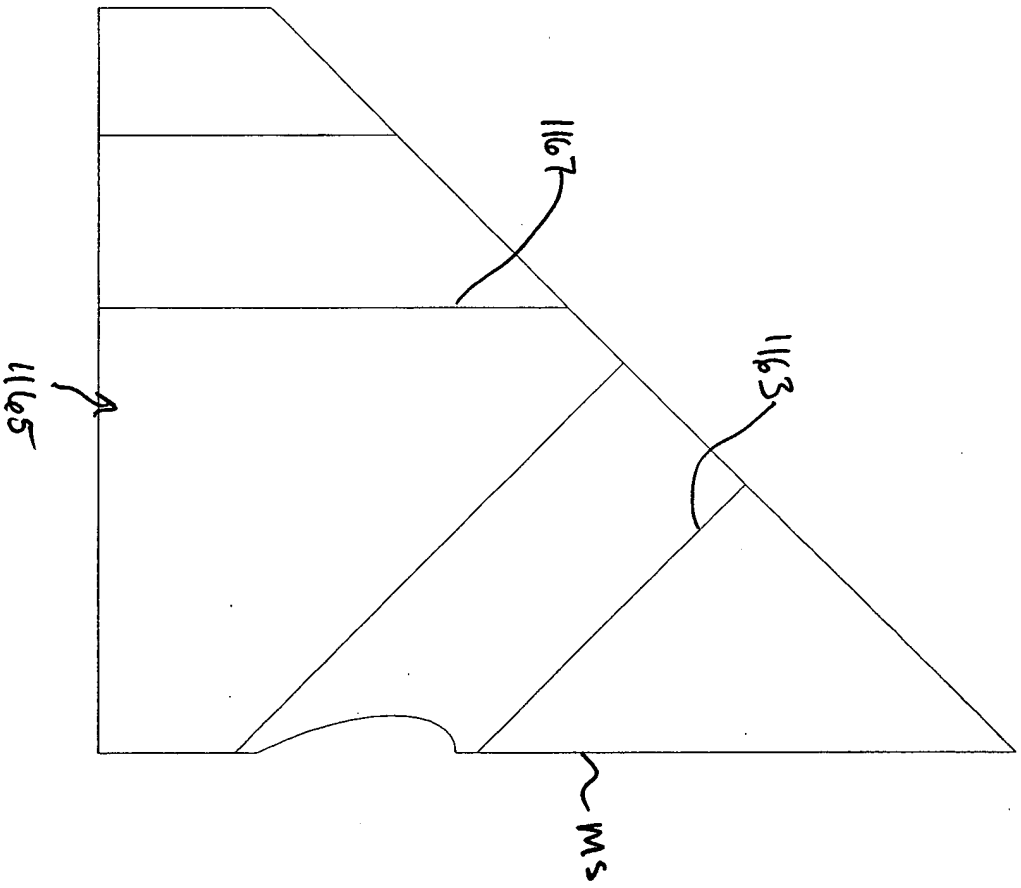


FIG. 172

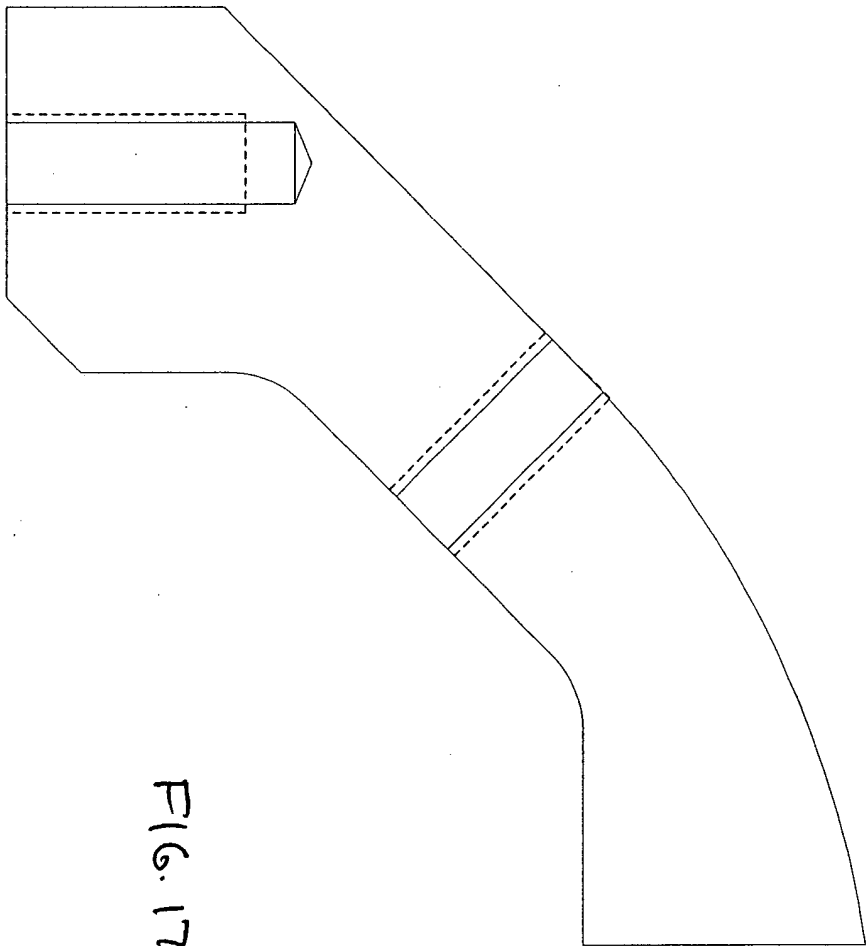


FIG. 1724

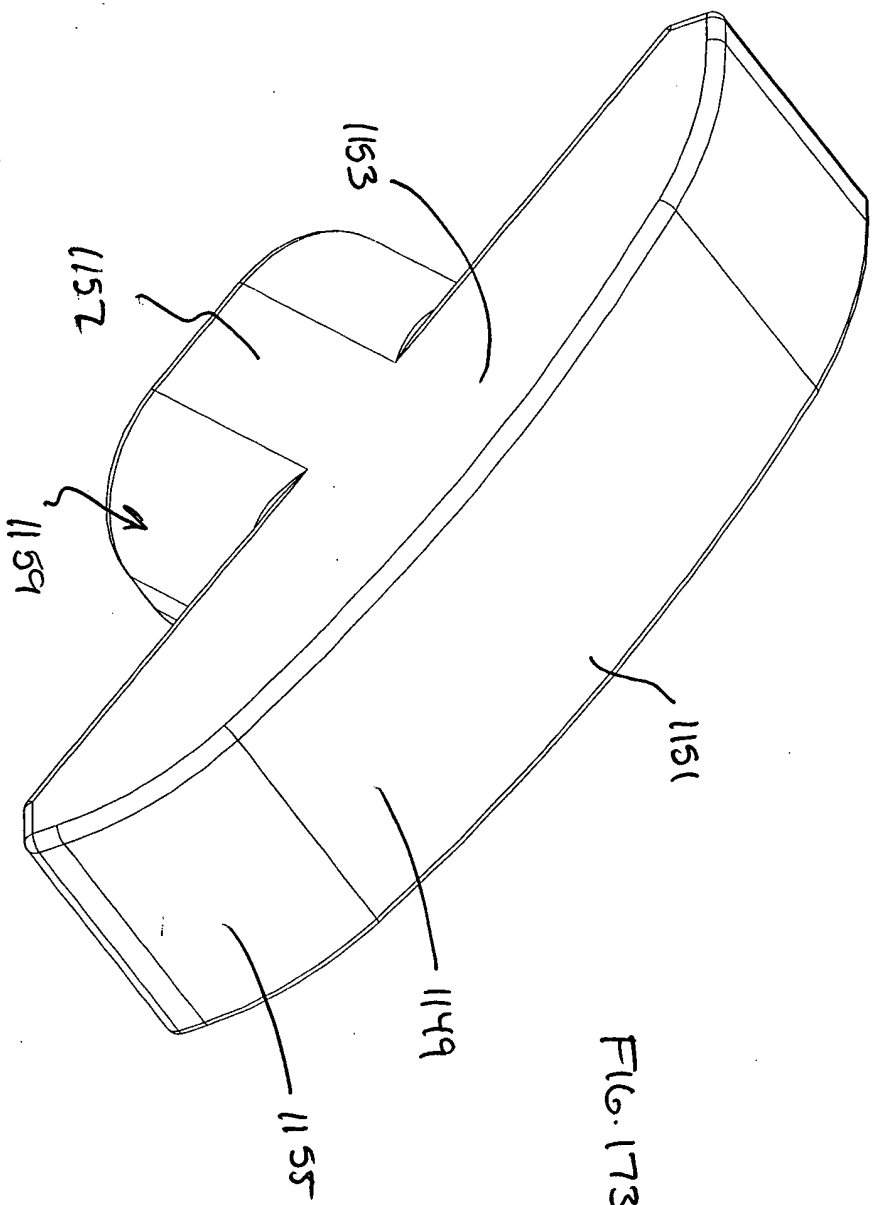


FIG. 173A

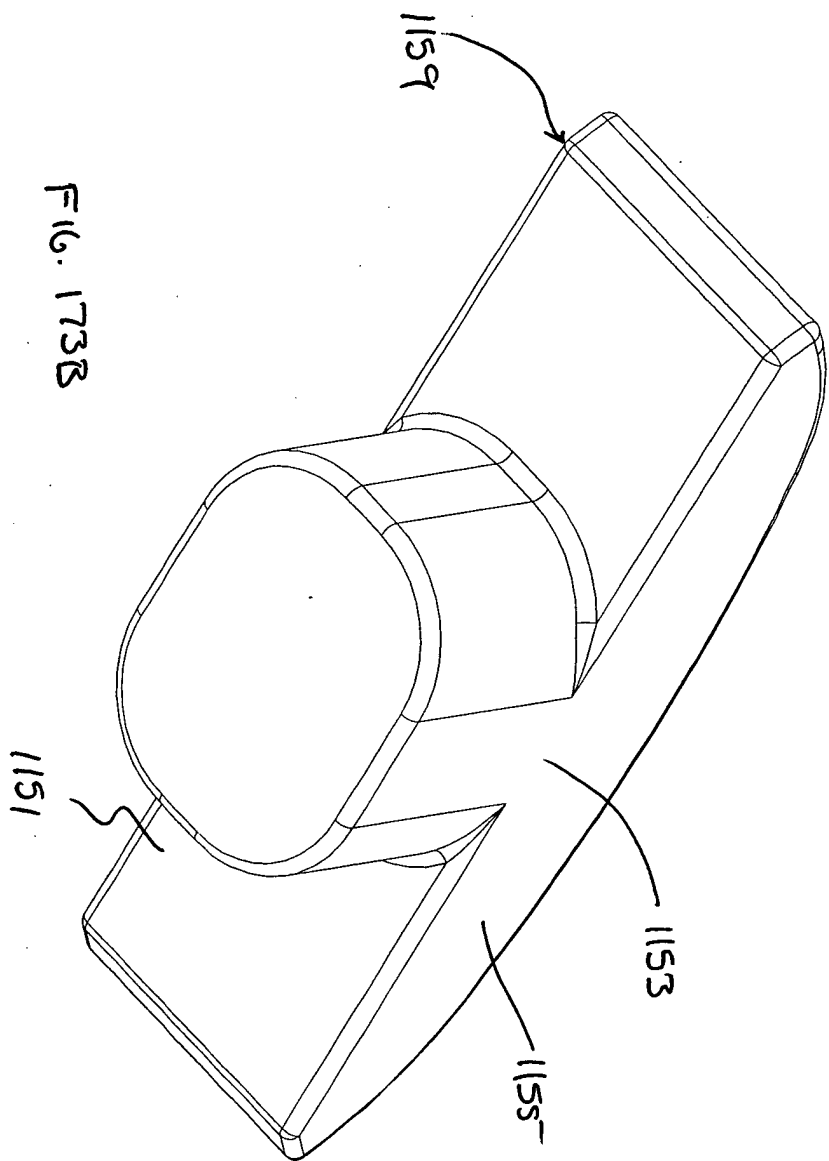


FIG. 173B

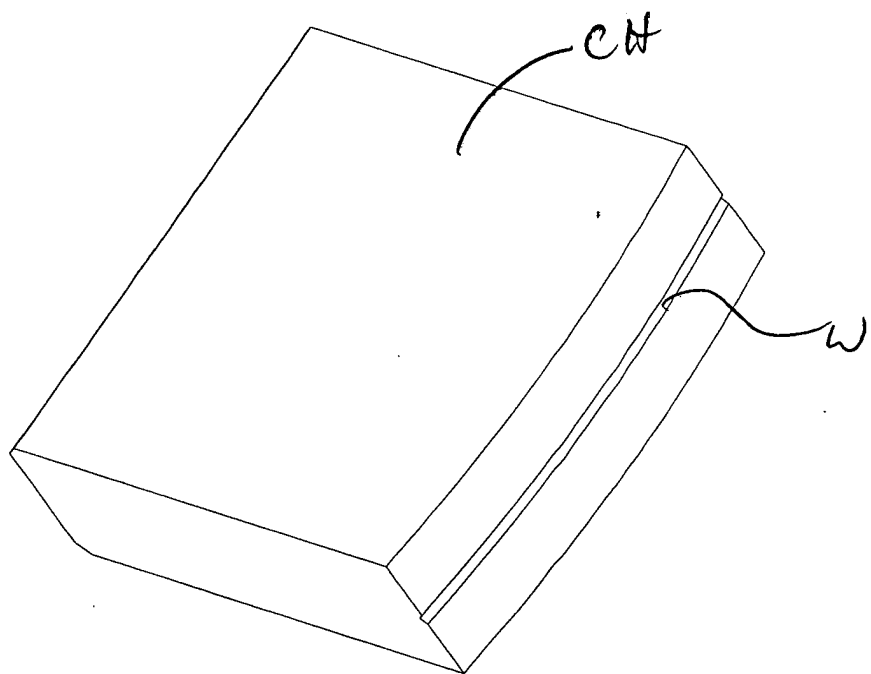


FIG. 173C

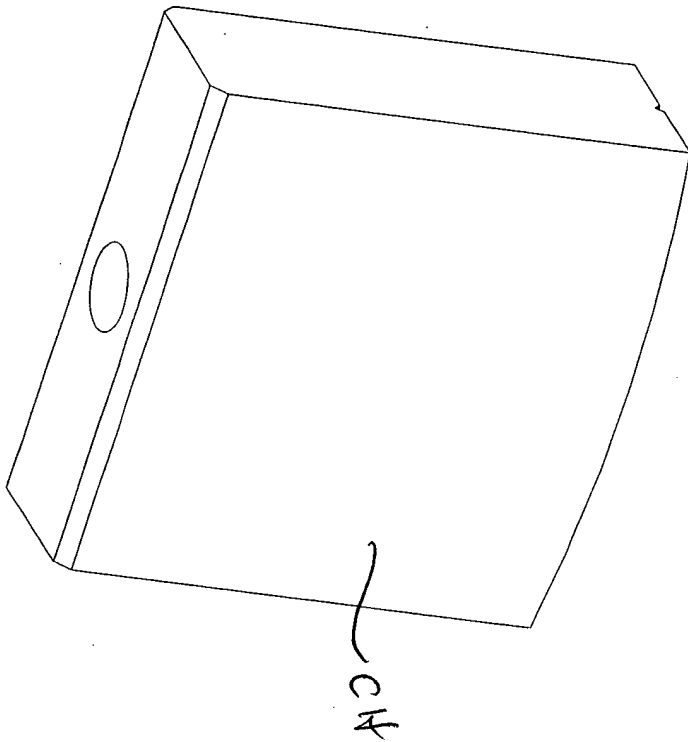
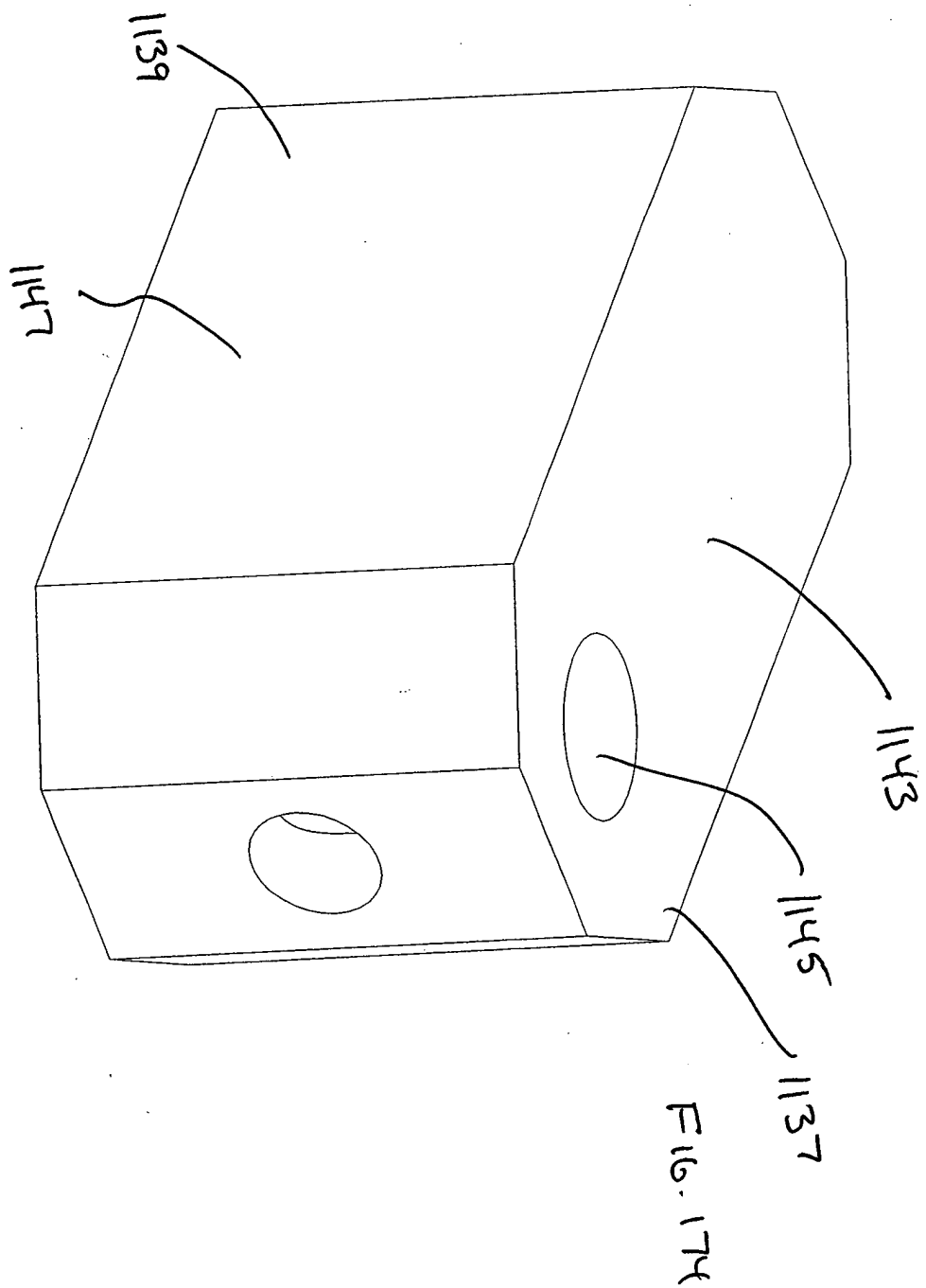


FIG. 173D





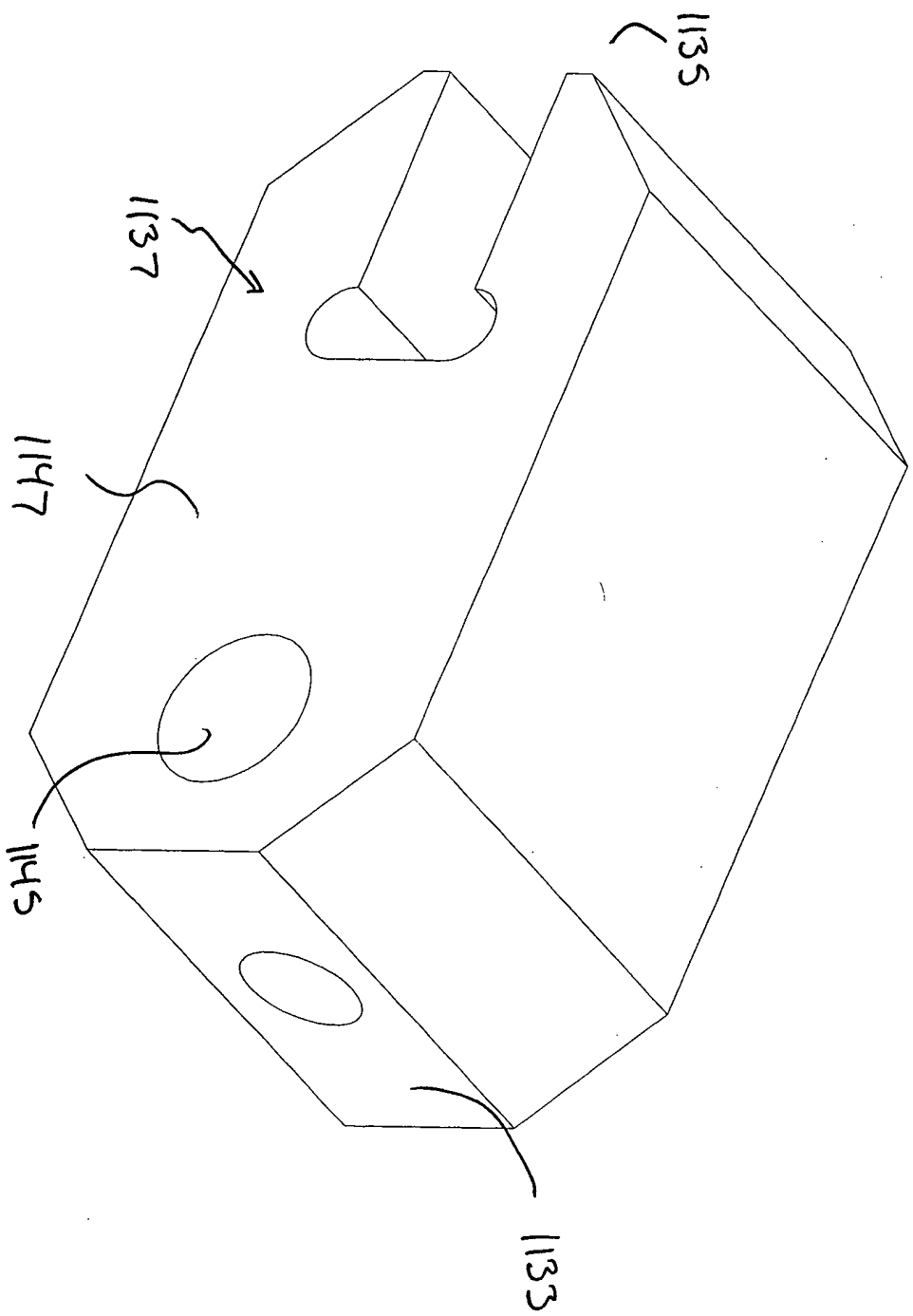


FIG. 175

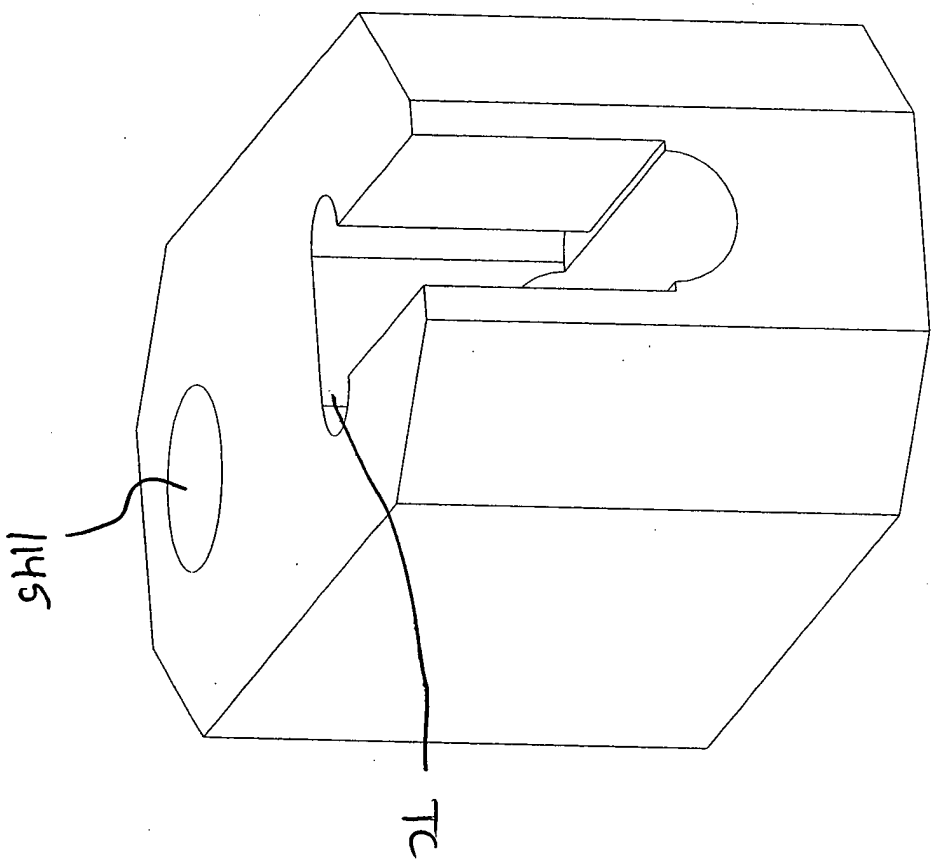


FIG. 17c

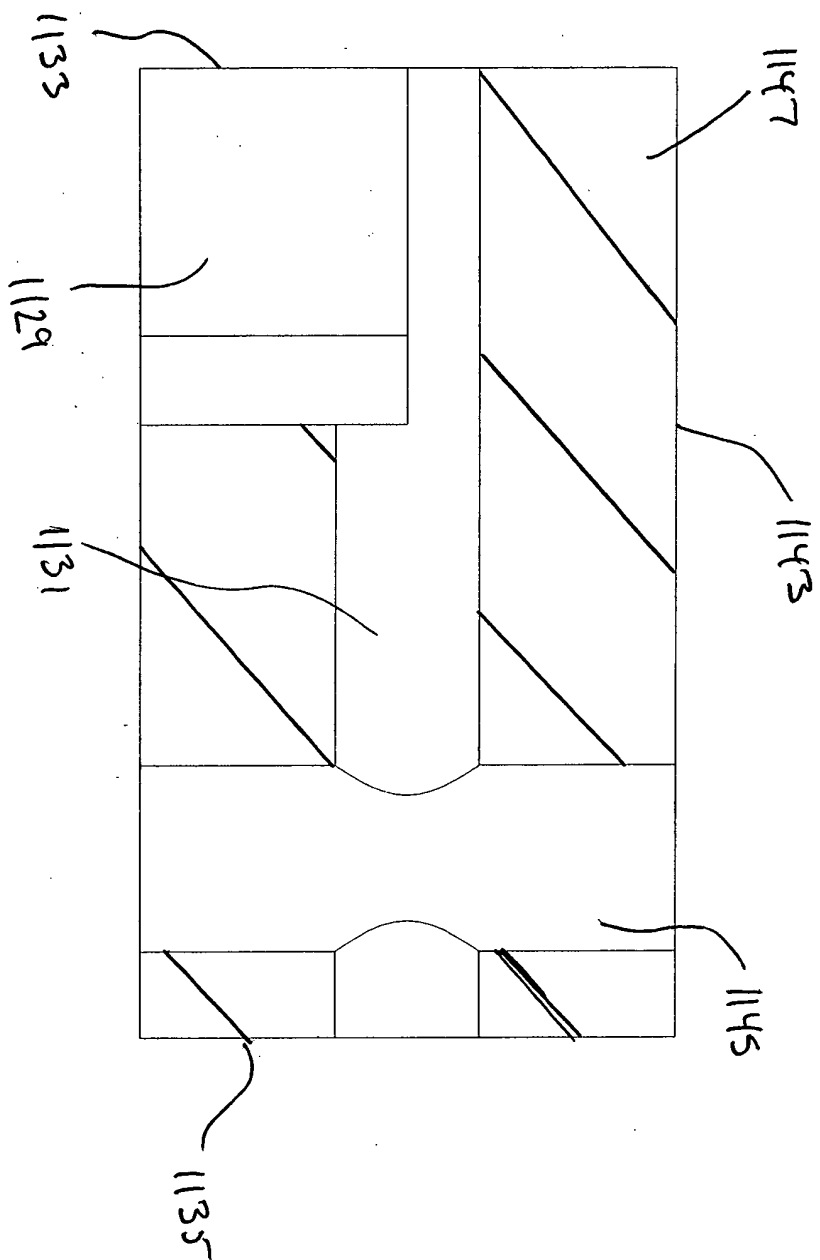


FIG. 177

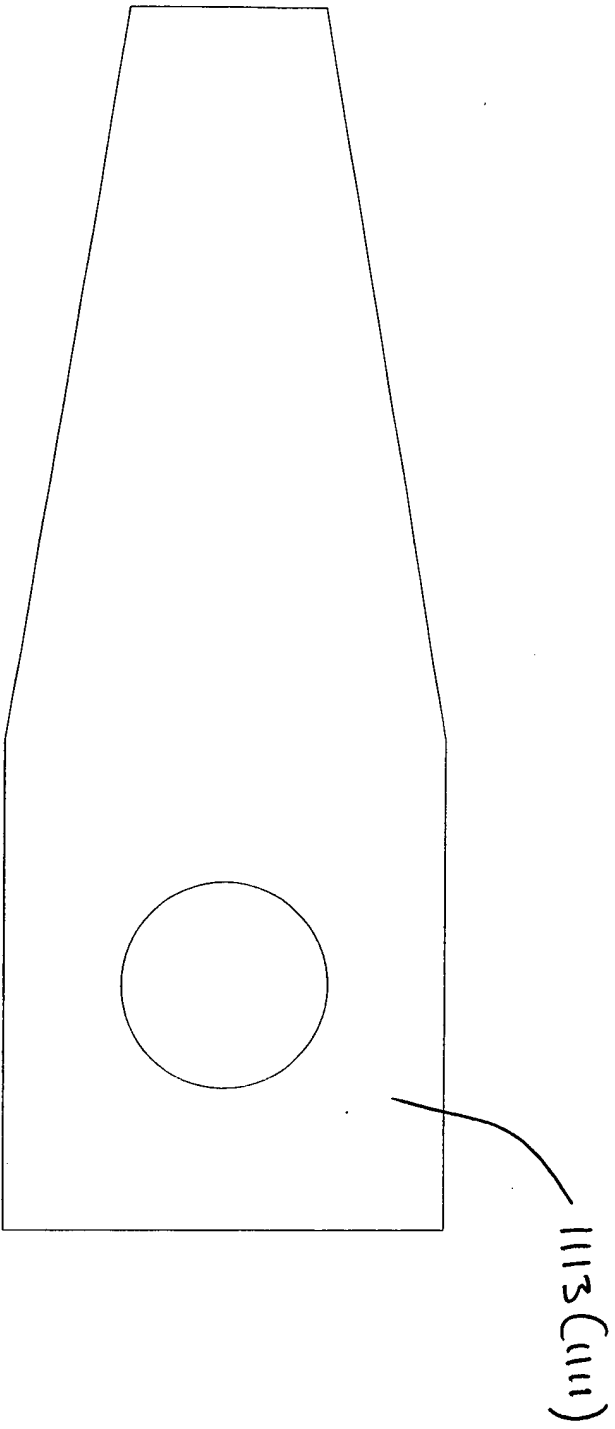


FIG. 178

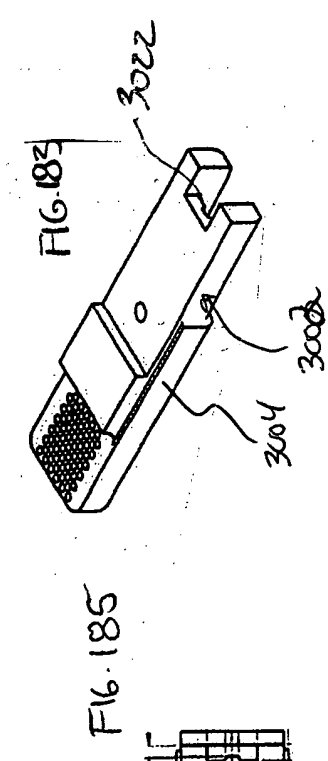
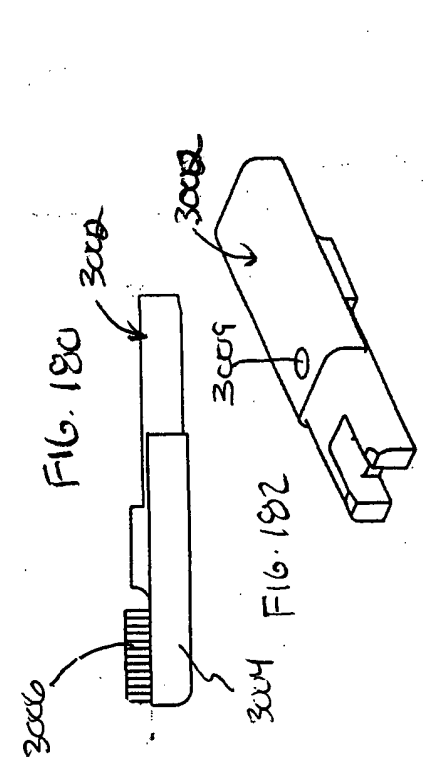
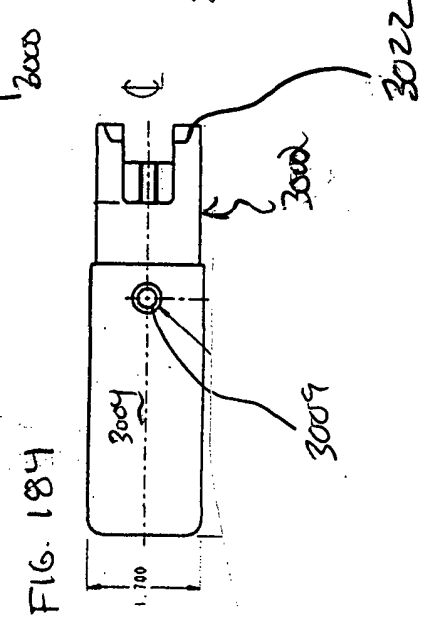
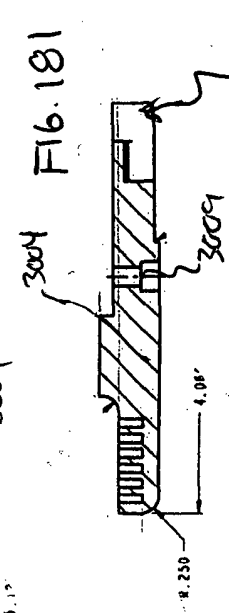
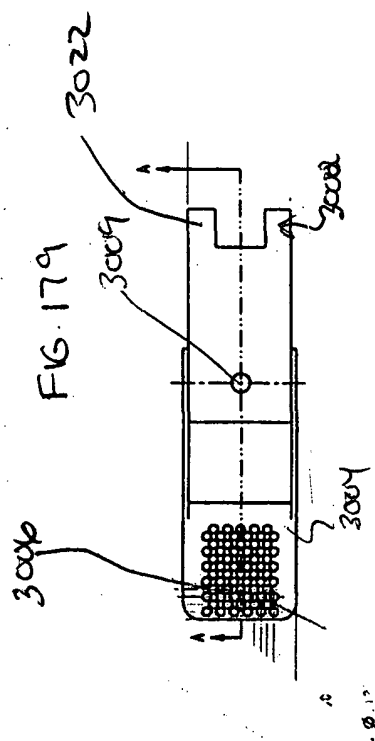


FIG. 18b

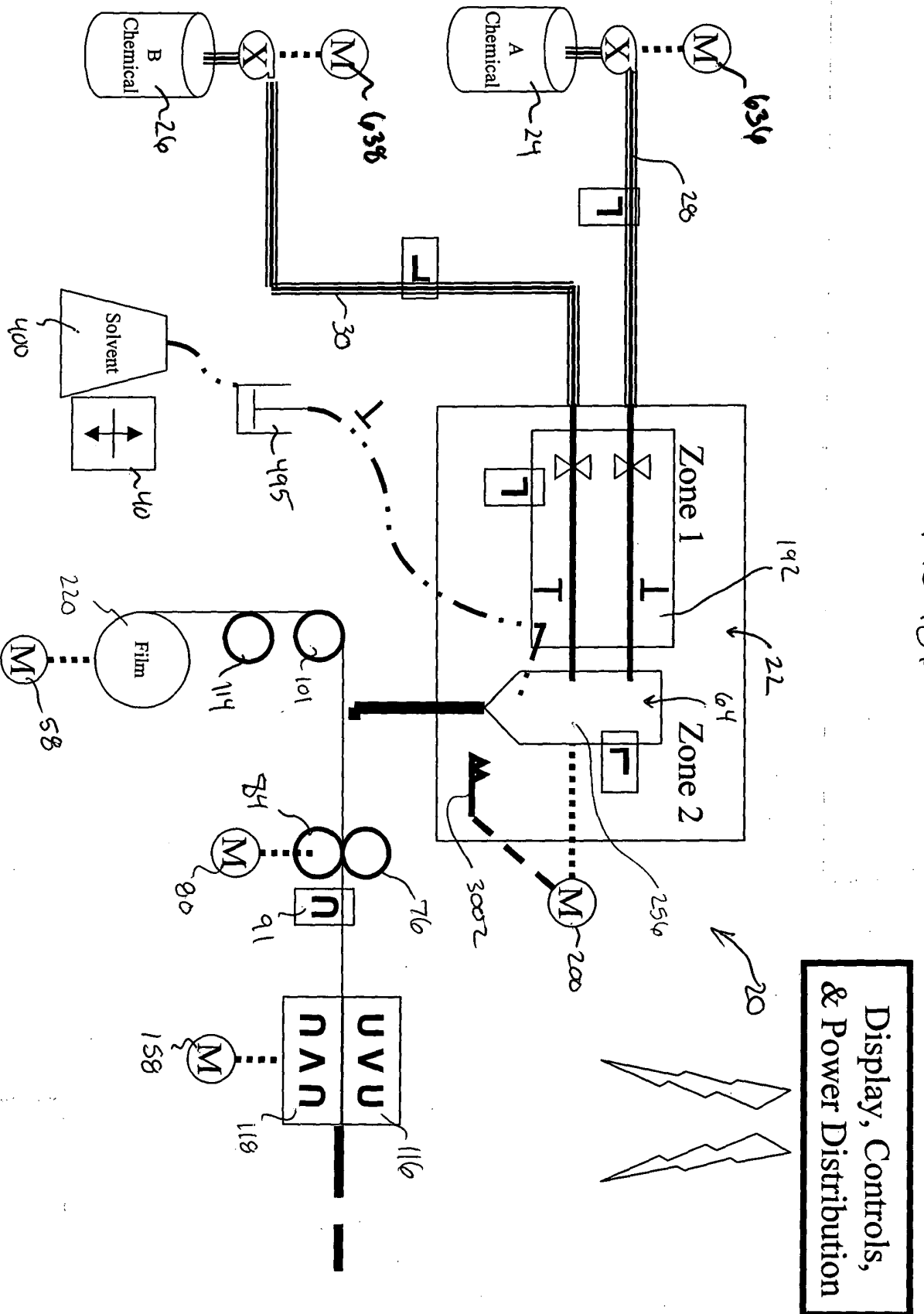






Fig. 186A

# Legend


 = Motor

 = Linkage

 = Pump

 = Pump Shaft/Hose

 = Heating element (all orientations)

 = Filter


 = Pressure Transducer (all orientations)


 = Tip Cleaning Brush


 = Solvent Pump

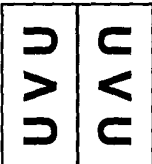
 = Level Sensor

 = Mixing Module +

 = Idle Roller

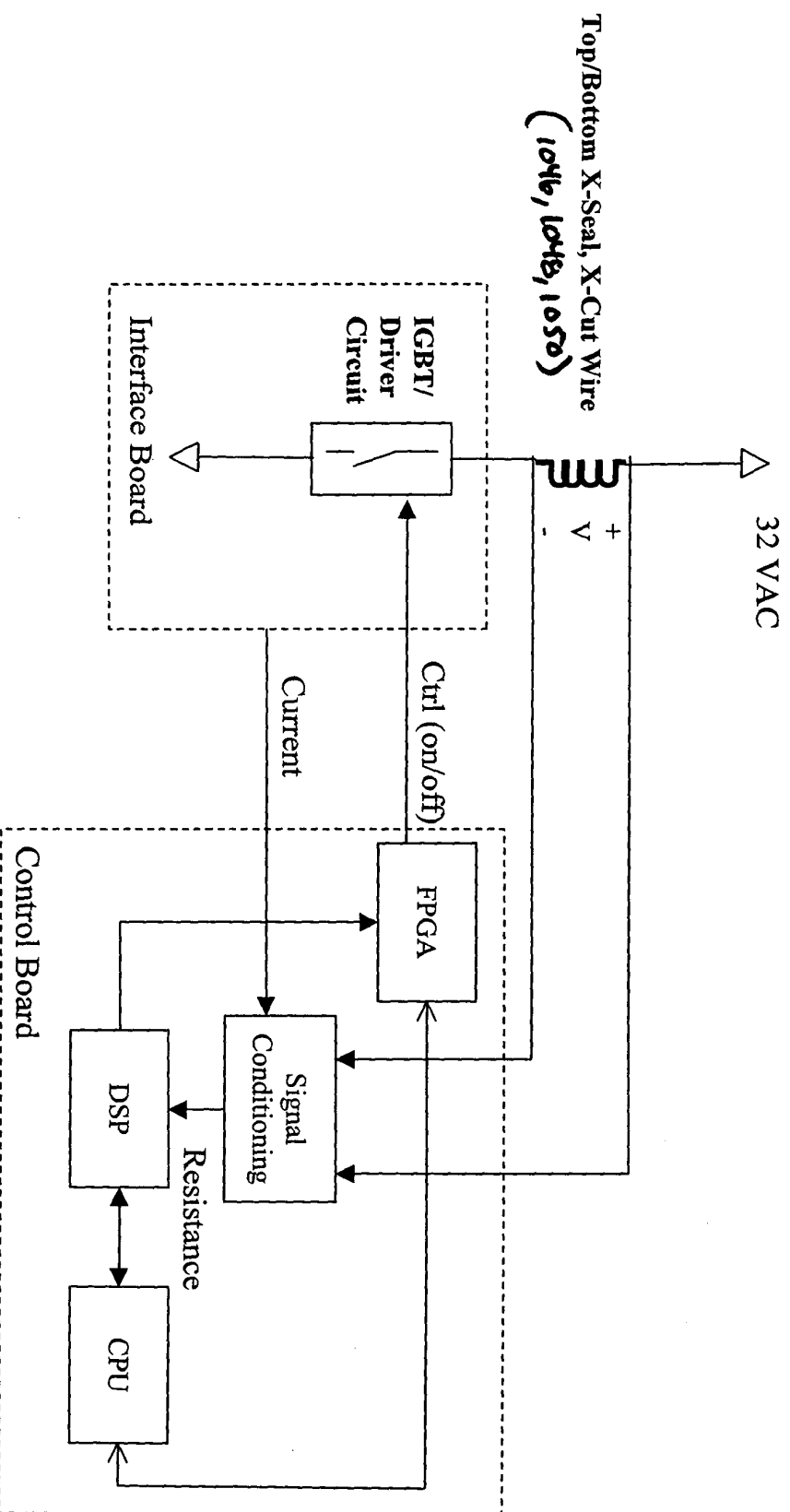
 = Nip Rollers

 = Edge Seal Wire

 = Jaw Assembly  
(X-seal, X-cut,  
X-seal)



# Top/Bottom X-Seal, X-cut



# Edge Seal

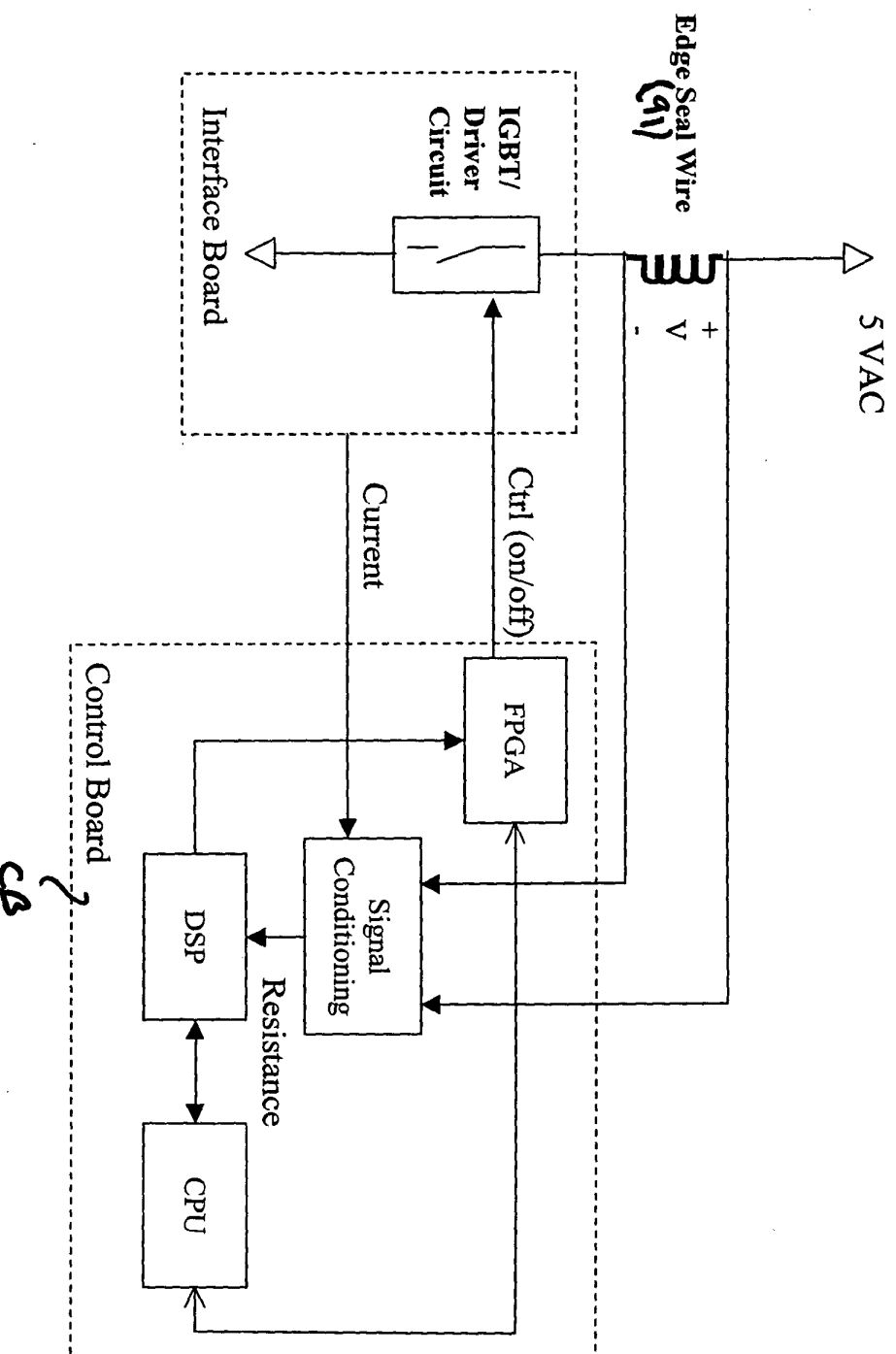


FIG. 188

# Moving Jaw

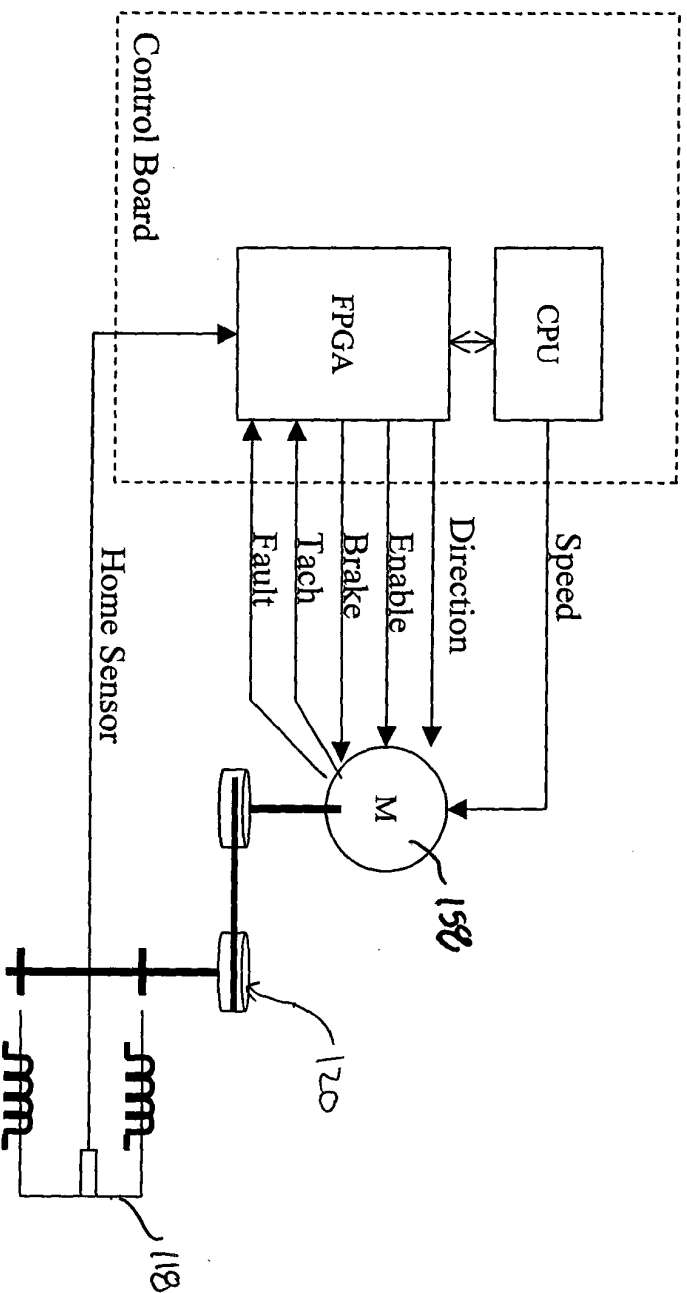
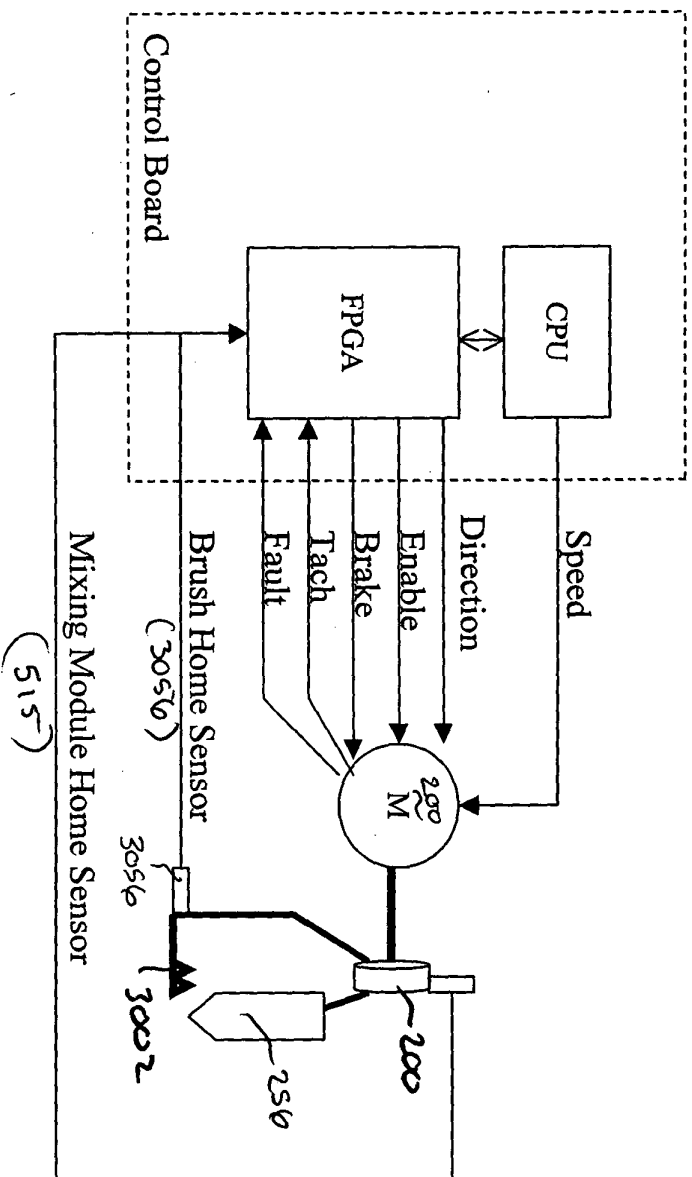


FIG. 189

# Chemical Dispensing/Tip Cleaning



# Film Advance/Tracking

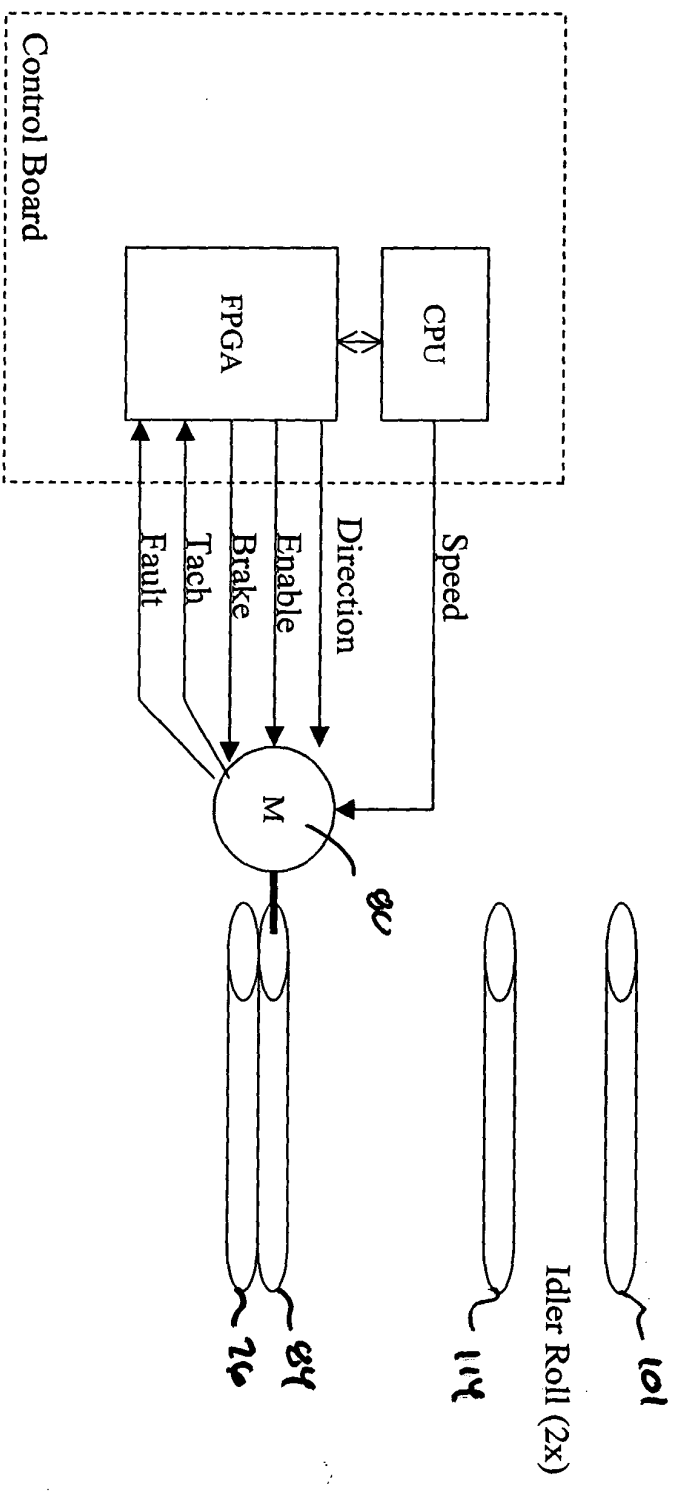


FIG. 191

# Film Tension

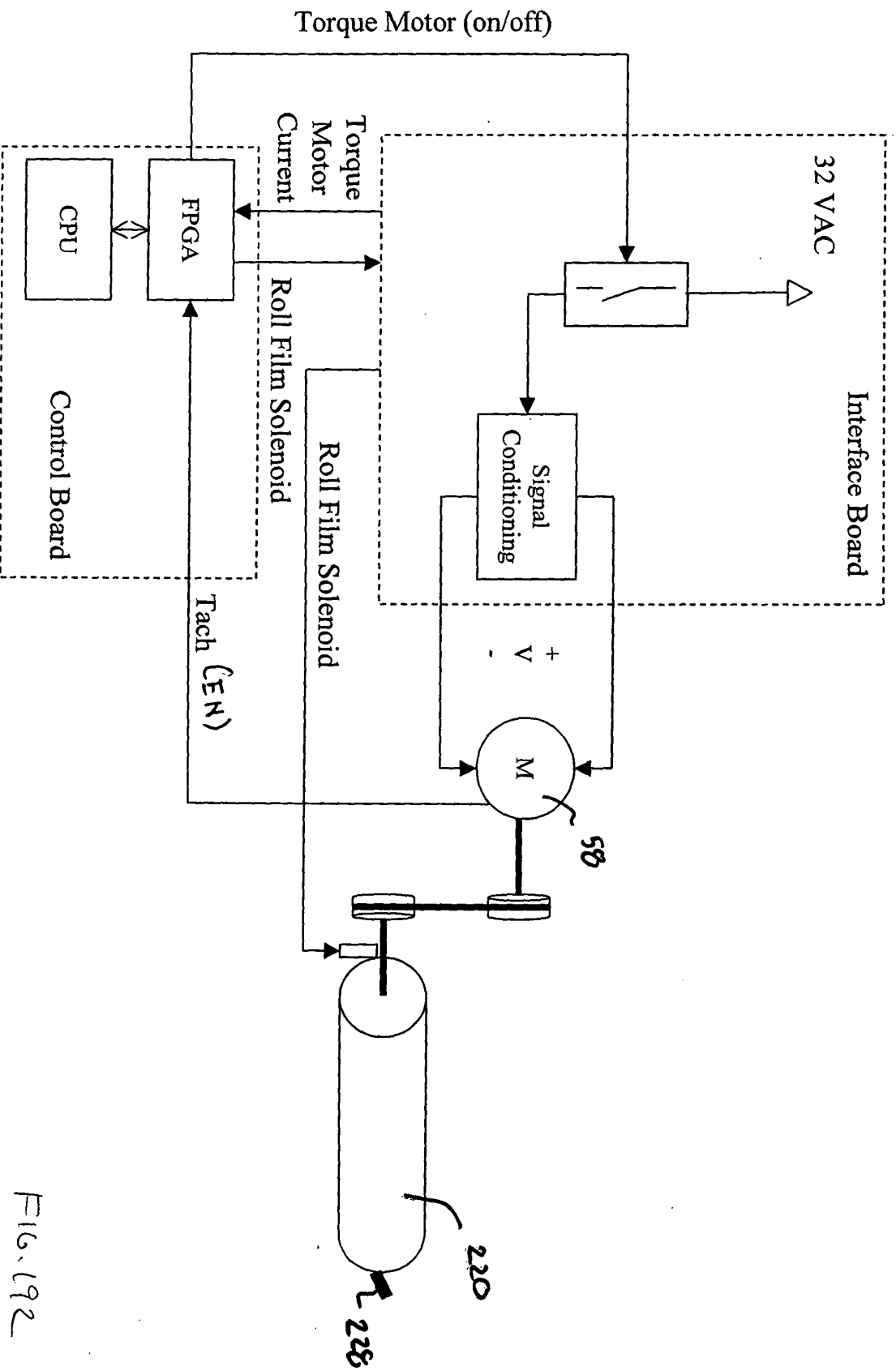


FIG. 192

# Chemical Temperature Control (Hoses)

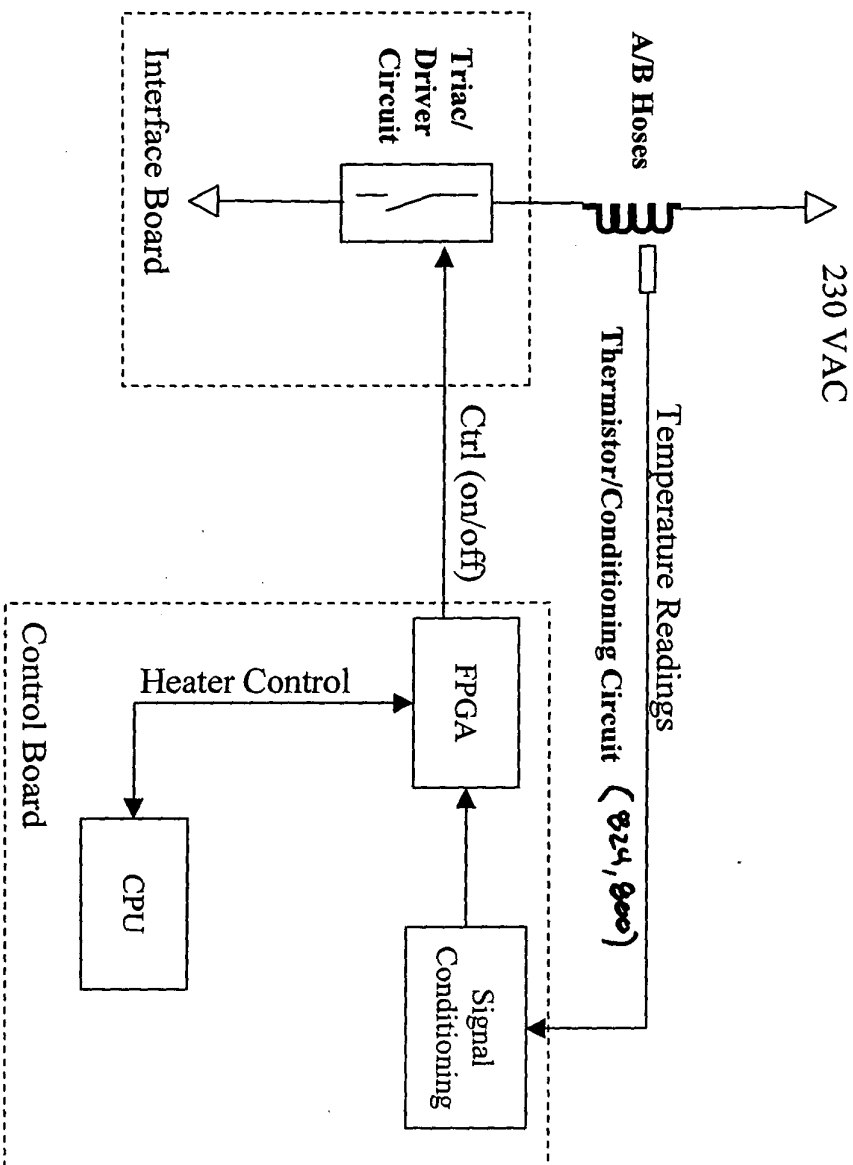


Fig. 193

# Chemical Temperature Control (Manifold Zones)

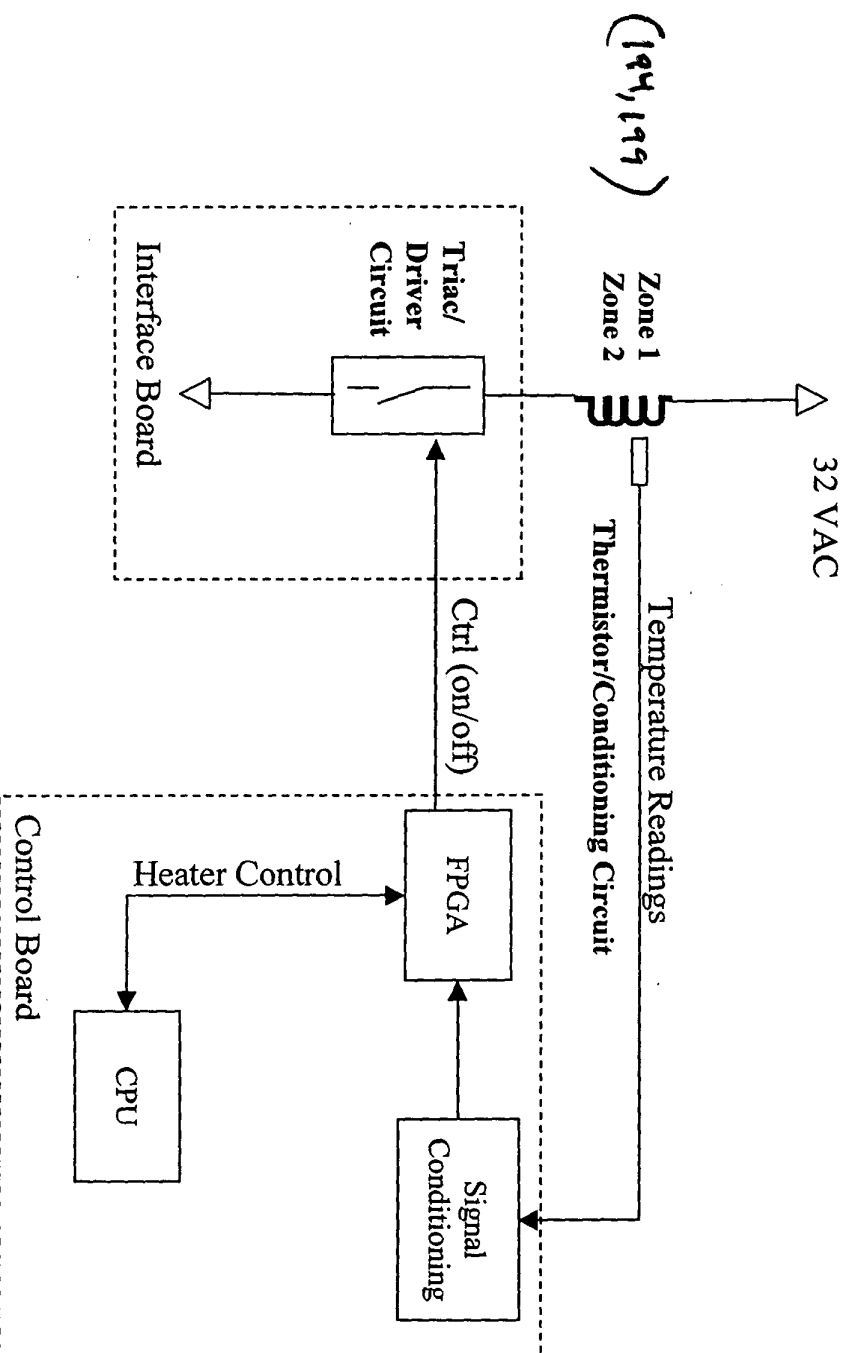


FIG. 194



# Chemical Pressure

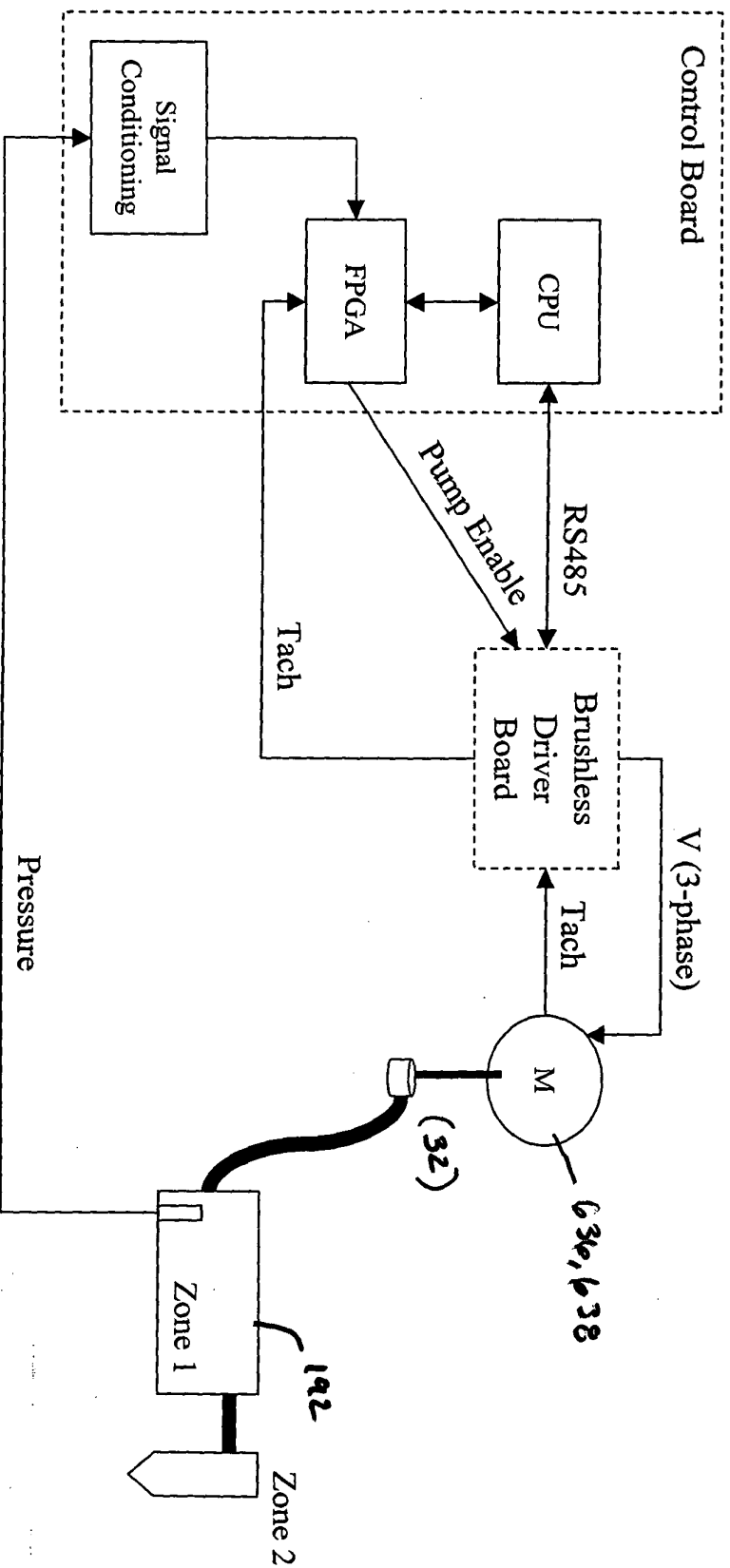


FIG. 198

# Solvent System Control

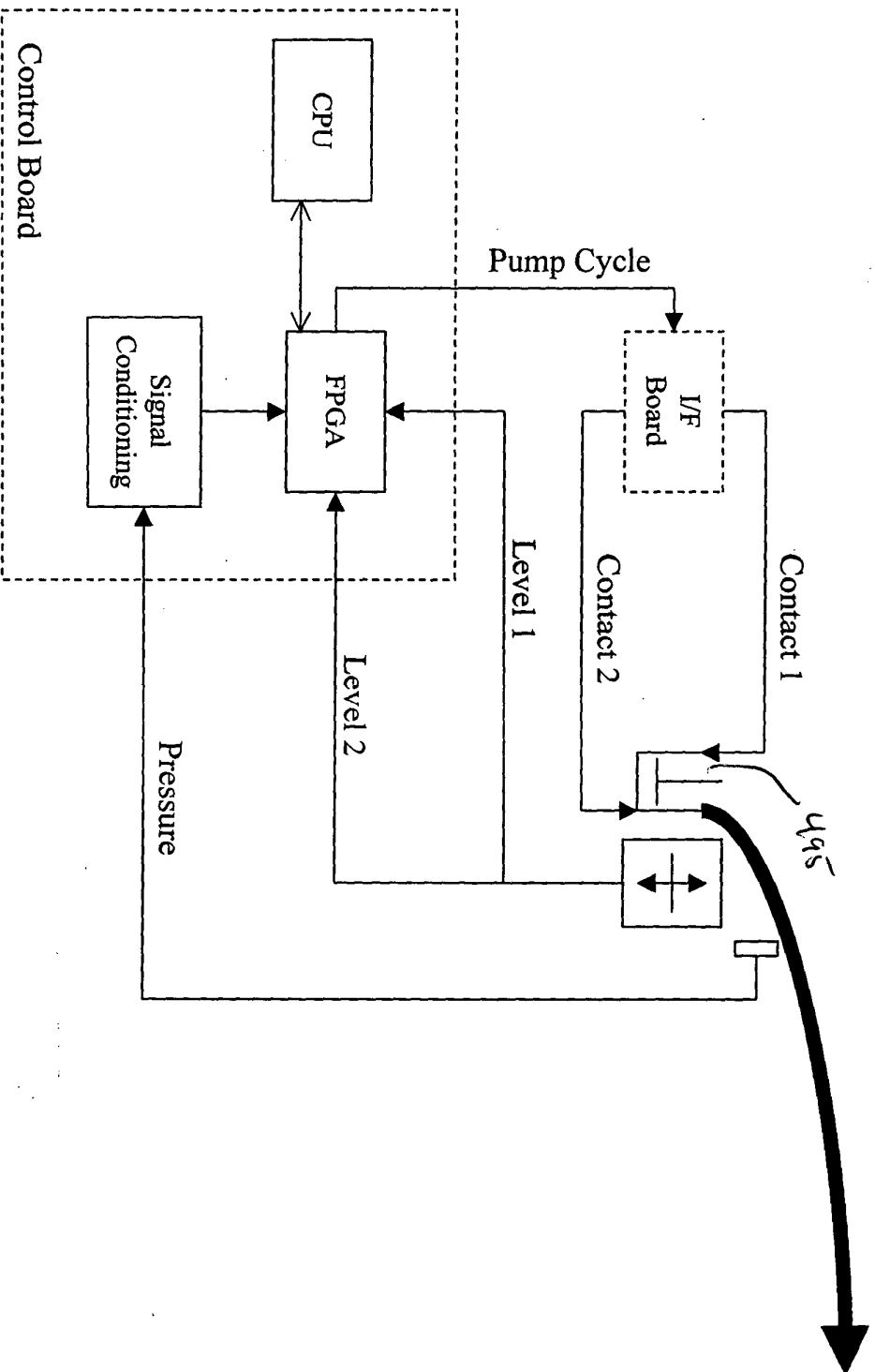
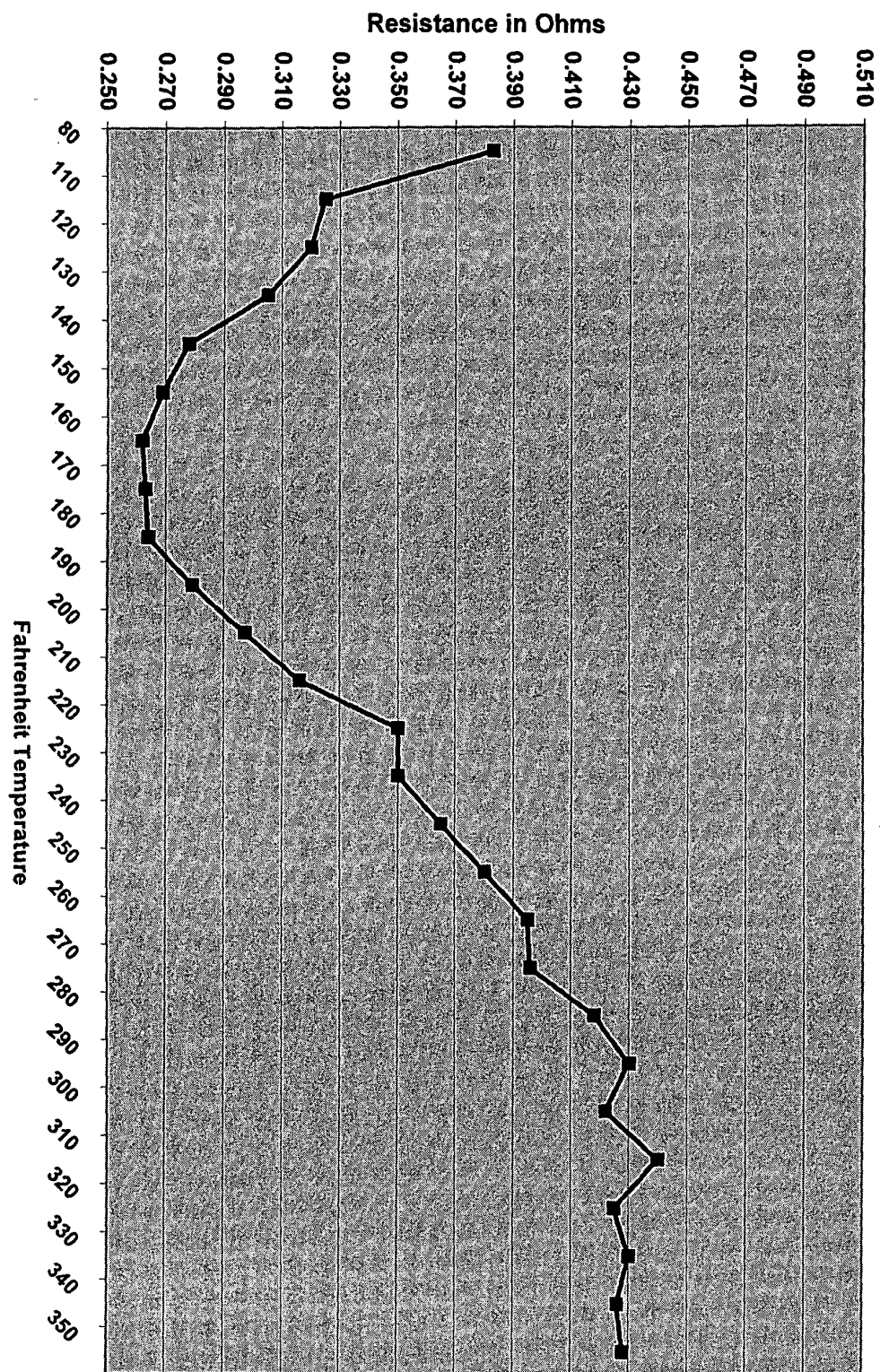


FIG. 196

FIG. 197



# Film Advance/Tension Motor Tach Ratio

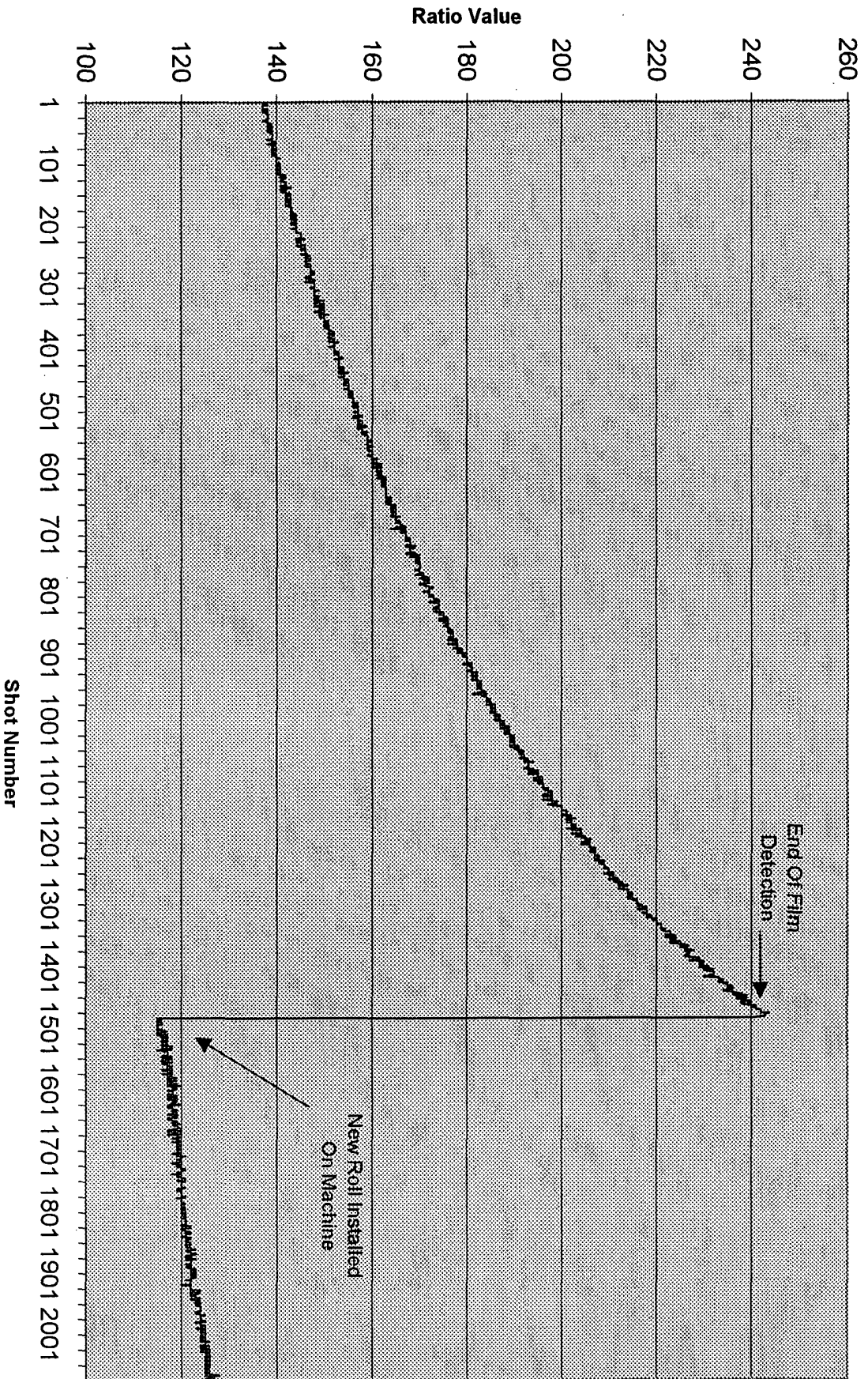


FIG. 198

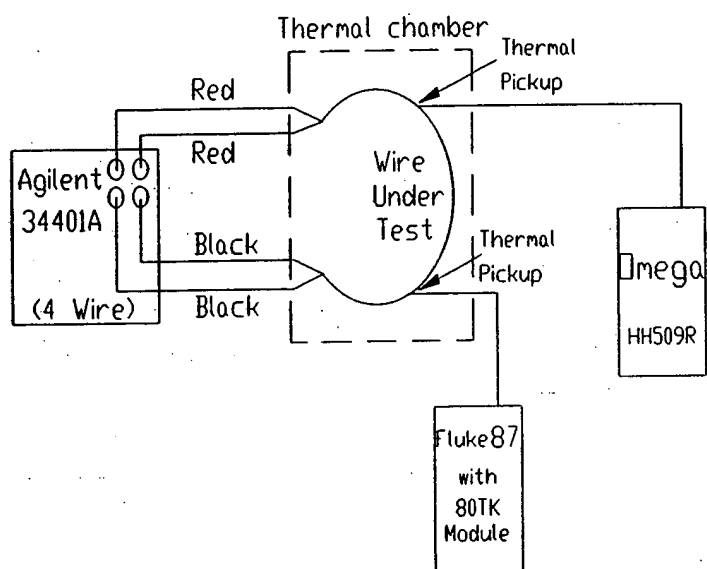


FIG. 199